Lancaster Farming

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Mrs. Loretta Kreider listens Wednesday night as J. Wade Groff, president of the Lancaster County Agricultural and Home Economics Extension Association, tells how she has earned the gift of appreciation after 18 years of service as a secretary in the county Extension office. "I only did what I was supposed to do," Mrs. Kreider said. "That's why we're honoring you," Groff replied. (See story on page 18.)

Crops and Soils Day Is Feb. 22

The twelfth annual Lancaster County Crops and Soils Day will be held at the Farm and Home Center, Lancaster, from 8:30 a.m. till 3 p.m. Tuesday February 22, reports Arnold G. Lueck, associate ag agent.

The educational program is designed to bring local farmers up-to-date information for the growing season just ahead

Agri business firms will have exhibits of their products and programs to help make the day more complete. The first hour of the program beginning at 8 30 a.m is devoted to visiting these displays of seed, fertilizer, lime and agricultural chemicals shown by farm supply dealers. The exhibits will also be available during the lunch period from 12 noon till 1·30 p.m

Lueck will speak briefly on Lancaster County's crop picture at 9 30 a.m

"That Gypsy Moth" will be subject of Kenneth Kadow, inspector, Pennsylvania Department of Agriculture, at 9:45 a m

At 10, Dr. Lennie G Kizer, Penn State Extension farm management specialist, will discuss "The Dollars and Cents of Crop Economics."

"Small Grains—Some Familiar and New Ones" is the topic of Dr Clarence S. Bryner, Penn State Extension agronomist, at 10·45

Last speaker before noon is Dr. Nathan Hartwig, Penn State Extension agronomist, on "Weeds and Weed Control" at 11:15 a.m.

Former Lancaster Countian Joseph McGahen, Penn State Extension agronomist, will launch the afternoon program at 1:30 with "Corn Production, 1972 Style."

James M. Stere, New Holland Division of Sperry Rand marketing research, will speak on "Mechanization Systems and Forage Handling" at 2:15 p.m. The meeting will adjourn at 3.

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See special reports and photos on the Ephrata Area Young Adult Farmers' Association banquet on page 12 and 13, and the Lancaster County Agricultural and Home Economics Extension Association banquet on page 18

See numerous other special reports throughout including: research shows steers on pasture need grain on page 17; USDA expands pest research program on page 11, quality soybean seed is in short supply on page 8, there's a new Surge QTO Milker being developed on page 7, and there's further progress toward hog AI on page 23.

Lancaster County Guernsey Breeders Assn. Reorganizes

Fred Crider, Nottingham RD2, was elected president of the Lancaster County Guernsey Breeders Association recently at the Crider home.

Other officers elected were: Robert Breneman, Strasburg RD1, vice president; Ralp Bitler, Peach Bottom RD, secretary-treasurer and K. D. Linde, Oxford RD, DHIA representative.

The group discussed and decided to have a field tour in April. A tour committee was appointed including: Ralph Bitler, chairman; Bob Breneman and Elam Mull.

The field day committee includes: Larry Breneman, chairman; Ken Garber and Bob McSparran.

The banquet committee includes: Mel Breneman, chairman; Robert Wagner and Robert Rohrer.

Mel Breneman, outgoing secretary-treasurer, presented the minutes and treasurer's report. Mrs. Crider served refreshments.

3 Livestock Meetings Set

Three educational meetings for livestock producers featuring Penn State specialists have been scheduled at the Farm and Home Center in the next two weeks.

Starting at 7:30 p.m., the meeting dates are February 15, 17 and 22. Come yourself and invite your friends and neighbors, urges Max Smith, Lancaster County Extension ag agent.

The February 15 meeting will include: "Larger Profits From Cattle Feeding" by Lester Burdette, Extension livestock specialist, and "Healthy Cattle—Larger Bank Account" by Dr. Sam Guss, Extension veterinarian.

At the February 17 meeting, H. Louis Moore, Extension ag economist, will discuss the outlook in relation to feed supplies, cattle and hog numbers and the red meat industry in general.

Outlook information of this type is always helpful in planning for the future and in making the most of your farming operations, Smith notes.

The February 22 meeting includes: "Harvesting and Feeding Hi-Moisture Grain" by Joe McGahen, Extension agronomy specialist, and "Good Economics in Cattle Feeding" by Fred Hughes, Extension farm management.

"The marketing of feed grains through livestock this year is again proving to be one of the best methods of grain disposal," Smith said. "We are interested in helping make this feeding operation as profitable as possible."

Helpful and practical suggestions will be plentiful at these meetings, Smith promised.

Gourmet Cooking?

A five-session gourmet cooking course will be held if enough persons are interested, according to Miss Joan Lucas, assistant Lancaster County Extension home economist. If interested, call her at the Extension office, 394-6851.

George C. Delp, left, chairman of the board of New Holland Division of Sperry Rand, accepts a plaque from National FFA President Tim Burke in Lancaster County last week. The plaque was presented in recognition of the Lancaster County firm's contribution to the National FFA Foundation, Inc.

Farm Calendar

Monday, February 14

10 a.m. - 3 p.m. — Agway Lancaster County Dairy Day, Bird-in-Hand Motor Inn.

Fulton Grange 66 Valentine program, Oakryn

Fulton Junior Grange meeting, Oakryn.

Tuesday, February 15

10 a.m. - 4 p m. — Turkey Industrymen Conference, Holiday Inn, Gettysburg.

1:30 p.m. — Celery growers educational meeting, Jay Hodecker Farm, East Petersburg.

7:30 p.m. — Cattle feeders educational meeting, Farm and Home Center.

7:30 p.m. — Ephrata Young

(Continued on Page 3)

Celery Meeting Set

A celery growers meeting will be held at 1:30 p.m. Tuesday, February 15, at the Jay Hodecker Celery Farm a half mile south of East Petersburg along Route 72.

Leading the discussion will be Ernie Bergman, Penn State professor of horticulture nutrition, reports Arnold G. Lueck, associate Lancaster County ag agent.

The meeting will include discussion of problems during the last season, pest control and seed supplies for the coming year.

Local Livestock Market, Auction News

Lancaster Auction

Wednesday, February 9

Cattle	Calves	Hogs	Sheep
Today	674	137	386	4
Last week	784	131	271	12
Last year	925	89	338	10
This weeks Auction	654	148	326	4
Last weeks Auction	831	131	272	12

CATTLE — Compared to Monday, Slaughter Steers 50 to fully 1.00 higher; Cows 1.00-2.00 higher; Bulls 1.00 higher; instances 2.00 higher on Utility and Commercial.

SLAUGHTER STEERS — High-Choice and Prime 1000-1250 lbs. 37.85-38.75, 1325-1410 lbs. 36.85-37.60; Choice 950-1250 lbs. 36.35-38.25, 1250-1400 lbs. 35.35-37.75; high-Good and low-Choice 950-1250 lbs. 35.00-36.60; 1250-1400 lbs. 34.25-35.50; Good 32.75-35.60; few Standard 28.00-31.25.

SLAUGHTER HEIFERS — Choice and Prime 750-950 lbs. 34.85-37.60; Good 29.75-32.85.

COWS — Utility and high-dressing Cutter 25.50-27.35, 12 head 27.60-28.10; Cutter 24.35-26.25; few Canner and low-Cutter 23.00-24.25.

BULLS — Choice 33.85-35.25; Good 33.00-34.00; Utility and Commercial 33.35-35.10, few 31.10-32.60.

VEAL CALVES — Vealers 1.00-2.00 higher.

VEALERS — Prime 61.00-64.50; Choice 57.50-61.00; Good 51.50-57.00, few Utility 33 50-36.50.

SHEEP — Insufficient volume for a market test.

Lancaster Market

Monday, February 7

	Cattle	Calves	Hogs	Shee-
Today	345	146	638	139
Last week	473	181	710	383
Last year	462	286	822	276

CATTLE — Compared to last week's close, Slaughter Steers steady to strong, instances 50 higher on weights over 1250 lbs.; Cows steady; insufficient volume Bulls to fully test trends. Supply included 203 in auction.

SLAUGHTER STEERS — Choice 975-1250 lbs. 35.50-37.35, 1300-1400 lbs. 34.85-36.25; high-Good and low-Choice 34.00-35.50; Good 31.50-34.75; Standard and low-Good 27.00-29.00.

COWS — Utility and high-dressing Cutter 23.75-25.85, few 26.10-27.00; Cutter 22.60-24.75; Canner and low-Cutter 20.25-22.00.

BULLS — Few Choice 33.00-34.00; Utility and Commercial 1500-1800 lbs. 30.85-33.10, three head 33.60-34.75.

VEAL CALVES — Vealers mostly steady, instances 1.00 lower on Prime.

VEALERS — Prime 58.00-61.00; Choice 54.00-59.00; Good 46.00-54.00; Standard 39.00-47.00; Utility 90-120 lbs. 33.00-39.00.

SHEEP — Wooled Lambs strong to 50 higher; Ewes absent.

WOOLED LAMBS — Choice 70-95 lbs. 29.50-31.00, few 31.50; Good 26.50-29.50.

Composite Report

Friday Weekly, February 11
Lancaster, Vintage and New Holland Markets

	Cattle	Calves
This week	2800	1250
Last week	3105	1241
Last year	3040	1240

CATTLE — Demand active for all slaughter classes; Slaughter Steers 50-1.00 higher, some sales 1.50 higher; Cows 1.00-2.00 higher; Bulls 1.00-2.00 higher, instances 2.50 higher on Utility and Commercial. Supply included an estimated 40 percent Slaughter Steers, 35 percent Cows and Bulls, with the balance mainly Feeder Steers.

SLAUGHTER STEERS — High-Choice and Prime 975-1250 lbs. 37.75-39.00; 1250-1375 lbs 26.85-28.50; Choice 950-1250 lbs. 26.35-28.60, few 1250-1400 lbs. 25.35-27.75; high-Good and low-Choice 24.85-27.00; Good 32.00-35.75; few Standard 27.75-32.25.

SLAUGHTER HEIFERS — Choice and Prime 750-950 lbs. 34.85-37.60; Good 29.75-32.85.

COWS — Utility and high-dressing Cutter 25.50-28.00, few 28.25-28.75; Cutter 23.60-26.35; Canner and low-Cutter 22.25-24.25.

BULLS — Choice 23.85-36.00; Good 31.35-34.25; Utility and Commercial 30.00-35.10, several 35.10-35.85.

VEAL CALVES — Vealers 1.00-2.00 higher, instances 4.00 higher at the close.

VEALERS — Prime 63.00-67.00; Choice 57.00-64.00; Good 50.00-58.00; few Utility 34.00-44.00, with some 65-85 lbs. 29.00-34.00.

RETURNED TO FARM — Bulk 90-120 lbs. 43.00-54.00, several 54.00-58.00, with Holstein Heifers at 59.00-67.00.

Vintage Auction

Tuesday, February 8

	Cattle	Calves	Hogs	Sheep
Today	761	544	393	11
Last week	1006	506	430	10
Last year	739	500	636	11

CATTLE — Compared to last Tuesday, Slaughter Steers uneven, average-Choice and Prime steady to strong, low-Choice and below opened weak to 50 lower with closing sales mostly steady; Cows 1.00-1.25 higher; Bulls 1.00-2.00 higher on small supply. Supply included 30 percent Cows.

SLAUGHTER STEERS — High-Choice and Prime 1025-1350 lbs. 37.60-38.50, 14 head 38.60-38.85; Choice 950-1350 lbs. 36.25-37.85, few early sales 35.75-36.25; high-Good and low-Choice 34.25-36.00; Good 31.50-35.25; Standard and low-Good 28.00-31.50.

SLAUGHTER HEIFERS — Few head Choice and Prime 800-950 lbs. 36.25-36.85.

COWS — Utility and high-dressing Cutter 24.75-26.50, 12 head 26.60-27.60; Cutter 23.50-25.50; Canner and low-Cutter 21.50-23.00.

BULLS — Choice 33.10-35.00; Good 30.00-33.25; Utility and Commercial 31.00-32.75, couple 33.75-34.75.

VEAL CALVES — Vealers 1.00-2.00 higher, very good demand for Calves returned to farm.

VEALERS — Prime 61.00-64.50, few 65.00-66.50; Choice 55.00-61.00; Good 48.00-55.00; Standard 39.00-48.00; Utility 80-120 lbs. 33.00-40.00.

RETURNED TO FARM — Bulk 90-120 lbs. 43.00-52.00, several 53.00-56.00 with some Holstein Heifers 59.00-67.00.

SHEEP — Market not reported.

New Holland Auction

Thursday, February 10

	Cattle	Calves	Sheep
Today	729	403	12
Last week	638	418	0
Last year	767	361	8

CATTLE — Compared to last Thursday, Slaughter Steers 1.00-1.50 hgiher; Cows mostly 2.00 higher; Bulls 2.00-2.50 higher.

SLAUGHTER STEERS — High-Choice and Prime 975-1250 lbs. 38.25-39.00, three head 39.25; high-Choice and Prime 1250-1375 lbs. 37.60-38.50; Choice 950-1350 lbs. 36.60-38.60; high-Good and low-Choice 34.85-37.00; Good 32.00-35.75; Standard 27.75-32.35.

COWS — Utility and high-dressing Cutter 25.50-28.00, few 28.25-28.75; Cutter 23.60-26.35; Canner and low-Cutter 22.25-24.25.

BULLS — Choice 34.00-36.00; Good 31.35-34.25; Utility and Commercial 30.00-34.75, several 35.00-35.85.

VEAL CALVES — Vealers 2.00-4.00 higher.

VEALERS — Prime 63.00-67.00; Choice 58.00-64.00; Good 50.00-58.00; Utility 34.00-44.00, few 65-85 lbs. 29.00-34.00.

RETURNED TO FARM — Bulk 90-120 lbs. 46.00-58.00, few Holstein Heifers 60.00-65.50.

SHEEP — Insufficient volume for a market test.

Monday, January 7

Calf Receipts 98- Choice and Prime 56-62.50; Standard 41-48.50; Good and Low Choice 49-55.50; Common 30-40.50.

Monday, January 7

Forty-seven loads of hay and straw sold as follows: Alfalfa 43.50-46; Timothy 38; Mixed Hay 34-44; Straw 35-41.

New Holland Dairy Cattle

Wednesday, February 9

Reported receipts of 117 head of cattle, 24 heifers, and 6 bulls. Market steady with last weeks market.

Load Canadian and Franklin County cows, fresh 430-570; springers 450-610.

Load Canadian cows, fresh 410-700; springers 390-500.

Load New York State cows, fresh 375-515, springers 415-615.

Load Vermont cows, fresh 535-740.

Load Wisconsin cows, fresh 500-590.

Load New York State cows, springers 445-510.

Herd dispersal of 35 Head Maryland cows, all stages of production 220-395; 20 head open heifers 105-270 per piece.

Local cows 335-545

Bulls, 160-275.

Lebanon Valley Auction

Tuesday, February 8
286 Head of Cattle

Compared with last Tuesday's market, slaughter steers grading Standard and Good 75c to $1.50 higher. Slaughter cows $1 to $1 higher. Slaughter bulls grading Good $1 higher.

Few High Choice slaughter steers 37.00-37.85, few Choice 35.25-37.00, Good 33.50-35.50, Standard 30.50-33.00, Utility 28.00-29.00, few Utility 27.85-28.85. Utility and High Dressing Cutter slaughter cows 26.75-28.00, couple to 28.25, Cutters 24.00-26.00, Canners 23.00-24.00, Shells down to 20.75. Good slaughter bulls 32.00-34.50, Utility and Commercial 29.10-34.10.

CALVES 234. Vealers grading Good and Choice $1 to $4 higher. Few Prime vealers 63.50-66.00, Choice 59.00-64.00, Good 54.50-58.00, few Standard 48.00-51.00, Utility 70-85 lbs. 34.50-37.50. Farm calves, bulls 90-115 lbs. 40.00-54.00, heifers 85-110 lbs. 40.00-60.00.

SHEEP 2. Not enough for a market test

New Holland Horse Auction

Monday, February 7

Reported receipts of 246 head of horses; market stronger on work horses, steady on riding horses.

Load Canadian driving horses 155-360.

Load Ohio riding horses 95-180.

Load Kansas riding and work horses; work horses 150-280 per piece, riding 130-270.

Load Ohio riding horses 125-190.

Locally consigned work horses 150-365 per piece, 610-680 per pair; riding horses, 110-210; driving horses 115-395; mules 150-320; few better horses 215-270.

Mare ponies 10-25; Geldings 10-20; Colts 5-8; Larger Ponies 30-45; Killers 9-11.

Green Dragon Hay Market

Friday, February 4

40 loads hay, including: alfalfa, few loads 40.50-57.00; timothy, few loads 29-36; mixed hay, 31-47.50; clover, couple loads 38 and 41.

12 loads straw, 36-39.

3 loads corn, 41-52.

Regional Hay Prices

For Southeastern and South Central Pennsylvania
Monday, February 7

(All hay No. 2 and better, prices paid by dealers at the farm, price per ton).

Hay and Straw steady.

Alfalfa	40.00-47.00
Timothy hay	24.00-35.00
Mixed Hay	28.00-40.00
Straw	25.00-32.00
Mulch	12.00-22.00

West Nottingham Auction

Rt. 276, Rising Sun, Md.

Calves — 85 to 115 lbs. 48.-59.50; 115 to 240 lbs. 54-63.

Heifer Calves — 54-63.

Cows — Good 20.50-25.75; Cutter 14-20.

Pigs — Fat Hogs 19-26.25.

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- Beef Cattle & Veal Calves 11:00 A.M.

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Hog Prices

Lancaster Auction

Wednesday, February 9

Barrows and Gilts 50-75 higher.

BARROWS AND GILTS — US 1 220-225 lbs. 29.35-29.75; US 1-2 210-240 lbs. 28.50-28.60; US 2-3 195-255 lbs. 27.85-28.35.

Lancaster Market

Monday, February 7

Barrows and Gilts generally steady.

BARROWS AND GILTS — US 1 200-240 lbs. 28.00-28.25; US 1-3 195-255 lbs. 27.00-27.50.

New Holland Auction

Monday, February 7

HOGS 739 Barrows & Gilts: $1.50 to $1.75 lower. US No. 1-2 205-240 lbs. 27.75-29.50; US No. 1-3 190-250 lbs. 27.00-27.75. US No. 2-4 240-280 lbs. 26.00-27.00; US No. 3-4 140-185 lbs. 25.00-27.00.

Sows: US No. 1-3 300-500 lbs. 20.00-23.00. Boars: 20.00-22.00.

Vintage Auction

Tuesday, February 8

Barrows and Gilts strong to 25 higher.

BARROWS AND GILTS — US 1 200-235 lbs. 28.75-29.00; US 1-2 200-240 lbs. 28.50-28.75; US 2-3 195-250 lbs. 28.00-28.50, mainly 28.25-28.50.

Saturday, February 5

HOGS 684 Barrows & Gilts: $2.25 to $2.50 lower. US No. 1-2 200-220 lbs. 27.50-28.00; US No. 2-3 195-250 lbs. 26.75-27.50; US No. 2-4 195-260 lbs. 26.10-26.60; US No. 3-4 245-280 lbs. 25.00-26.50; US No. 2-4 100-180 lbs. 20.60-23.00.

Sows: US No., 1-3 310-630 lbs. 18.00-22.00. Boars: 19.00-20.25.

Peoria Auction

HOGS: 3500. Moderately active, opening steady to weak, instances 25 lower. US 1-2 200-235 lbs. 27.50-28.00; about 100 head 28.00; 1-3 200-260 lbs. 27.00-27.50.

Lebanon Valley Auction

Tuesday, February 8

225 Barrows and gilts, steady. US No. 2-3 200-235 lbs. barrows and gilts 27.60-28.10, lot at 28.50. No. 2-4 140-185 lbs. 25.50-26.50. US No. 2-3 300-500 lbs. sows 19.85-22.60. Few Boars 19.50-19.85.

FEEDER PIGS 35 Lot US No. 1-3 20 lbs. feeder pigs 10 per head, lot No. 1-3 40 lbs. 18 per head.

Lebanon Valley Livestock Market, Inc.

1 mile east of Fredericksburg along Route 222

Phone Jonestown 865-2881

Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs

Indianapolis Auction

HOGS: 2500. 25 lower, active. US 1-2 200-230 lbs. 28.00; 70 head 28.25; 1-3 200-250 lbs. 27.50-28.00.

St. Louis Auction

HOGS: 7000. Moderately active, 25 to mostly 50 lower. US 1-3 200-240 lbs. 27.25-27.75, mostly 27.50; 1-3 240-260 lbs. 26.75-27.50; 2-4 250-280 lbs. 26.00-27.00.

Omaha Cattle

Thursday, February 10

Compared with last week's close, closing prices on slaughter steers and heifers were 50-75c higher. Cows closed 1.00-1.50 higher, bulls were strong to 50c higher and feeder cattle strong to 50c higher.

Four day receipts 19,300 as compared 18,700 previous week and 19,800 a year ago.

Slaughter steers approximately 37 per cent, fairly liberal percentage choice, moderate volume high-choice and prime. Heifers 38 per cent, supply predominatly good to average-choice. Cows 9 per cent, feeders 11 per cent.

The upward spiral in fed cattle prices was resumed and the downturns enforced the previous week were largely offset. An upward trend on carcass beef coupled with moderate marketings were stimulating factors. The ratio betwwen live prices and carcass realizations are still not considered favorable to packers and some buyers were rather cautious on late rounds.

Average cost slaughter steers first three days 36.23, average weight 1128 lbs. as compared 36.10 and 1131 lbs. previous week and 31.74 and 1150 lbs. a year ago.

Market Steers

Steers - High-Choice and Prime, part load, 1086 lbs., 3-4, 38.10; 1012-1441 lbs., 2-4, 37.25-38.00. Choice, 975-1275 lbs., 2-4, 36.25-37.25. Load mostly choice, 1350 lbs., 4, 36.00. Mixed Good and Choice, 950-1250 lbs., 35.50-36.25. Good, 32.50-35.50. Standard and low-good, 31.00-32.50.

Heifers high-choice and prime, part load, 954 lbs., 3-4 37.00; 925-1158 lbs., 3-4 36.50-36.75. 825-1025 lbs., 2-4, 35.50-36.50. Mixed Good and choice, 800-1000 lbs., 34.50-35.50. Good, 30.00-34.50. Standard and low-good, 28.00-30.00.

Cows utility and commerical, 23.00-35.00. Utility dairybreds, 25.25-25.50. Canner and cutter, 20.50-23.50. Mixed cutter and low-utility, 23.75-24.00.

Bulls - utility, commercial and good, 26.50-28.50. Commercial, US 2, 29.00-30.00. Cutter and low-utility, 24.50-26.50.

Feeder Steers

Feeder cattle and calves strong to 50c higher under continued good demand. Supplies mainly fleshy two-way steers, moderate showing calves and yearlings.

Steers - Choice load, 452 lbs., 42.50; 604-631 lbs., 38.50-40.00; high-good and choice, 893-1077 lbs., 34.50-36.00. Standard and good load, 688 lbs., 31.75.

Heifers - Choice four loads, 416-507 lbs., 37.50-38.00; 725-855 lbs., 33.50-34.50.

Don't Plant Feed Oats, Official Warns

Farmers using Feed oats for planting, instead of for feed as intended, "are just asking for trouble," warns Gus Day, supervisor, Md. State Seed Inspection Service.

Quackgrass, bindweed and other weed seeds are again showing up in feed oats (sometimes called "grain oats" or "Western oats") examined by the Seed Inspection Service.

"Lower yields more than wipe out any small savings you think you make on the price of the seed. In addition, you are liable to buy a weed or plant disease infestation that will cost you a lot of money, sweat and tears over a period of time trying to control.

"It is sad," he adds, "to see a man fighting over the years against weeds or plant diseases he bought and planted himself.

"Seed is the smallest part of the cost of producing a crop, and trying to save a few cents by using inferior seed just doesn't make sense," he points out.

Only certified seed should be planted, according to Day. "It is of known germination, purity and freedom from weeds. It is treated against diseases. It is labeled and described by regulation to protect you against loss — why take a chance with seed of unknown quality."

Southeast Poultry Meeting March 21

The Annual Southeast Pennsylvania Poultry meeting will be held at Trainer's Restaurant in Quakertown starting at 6:30 p.m. March 21, reports David L. Kantner, associate Bucks County ag agnent.

Both egg processing and marketing will be included in the program. Mark your calendar and save the date, Kantner urges.

FUTURES TRADING

(Closing bids as of Thursday, February 10)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
February	36.75	27.10		
March			3.06	29.40
April	34.70	25.05	3.28	29.10
May			3.94	28.85
June	33.75	26.95		31.80
July		27.10		
August	33.17	26.25		35.00
September				37.90
October	32.60	24.15		
November			2.82	
December	32.40	23.55		38.50
February '73	32.45			
May '73			3.75	

Trend — Cattle are lower, Hogs are lower, Potatoes are steady, and Eggs are lower.

a-asked b-bid n-normal

CORRECTION - The 32.12 Futures Trading on Chicago Fresh Eggs for February '73 in last weeks issue should have been Chicago Cattle for February '73.

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Used Burlap Bags May Be Hazardous

Reusing burlap bags in various industries throughout the Commonwealth is a common practice, but the Department of Environmental Resources warns of potential health hazards such a practice might create.

This was brought to the attention of John W. Knauber, director, Division of Occupational Health, by the U. S. Department of Health, Education and Welfare, as it cited a case in which burlap bags, once used to hold asbestos, created a situation which was extremely hazardous to workmen handling the bags.

It was pointed out in the HEW memorandum that shaking out a single bag, used in a nursery to wrap the roots of rose bushes, for four minutes created over 300 times the allowable limit of contaminants for a full workday.

Knauber said that many industries throughout the State use second hand burlap bags, some of which, at one time or another, may have been used to hold substances which are harmful and which could very easily create a health problem.

Therefore, he suggested that such bags be checked for previous use and, if possible, be cleaned before being reused. Knauber also invited manufacturers who may be in doubt as to what steps should be taken to contact his office for advice.

Calendar

(Continued from Page 1)

Farmers monthly meeting.

7:30 p.m. — Farm and Home Foundation boad of directors reorganizational meeting, Farm and Home Center.

7:30 p.m — Central 4-H Tractor Club, Landis Bros., Inc., Manheim Pike, Lancaster.

Garden Spot Young Farmers officers meeting.

Drug education seminar for Lancaster County law enforcement personnel, Mount Joy Vo-Tech School, February 15-17

Southeastern Dairy Conference, Guernsey Breeders Barn.

Thursday, February 17

10 a.m. - 3 p.m. — Penn State tax records program meeting, Farm and Home Center.

10 a.m. - ? — Chester County Extension Dairy Day, Sadsburyville Fire Hall.

12 noon — ABC District Two annual membership meeting, Sadsburyville Fire Hall.

7 p.m. — Agrico-Geigy crop management meeting, Hostetter's dining Room, Mount Joy.

7 30 p.m. — H. Louis Moore's annual agricultural outlook meeting, Farm and Home Center.

Forage workshop, Kutztown.

Clothing Construction Course, Paoli United Methodist Church.

Friday, February 18

10 a.m. - 3 p.m. — Southeastern Pennsylvania Forage Day, Farm and Home Center.

6:45 p.m. — Garden Spot Young Farmers Annual banquet, Blue Ball Fire Hall.

7 p.m. — Atlantic Breeders Cooperative District Five annual membership meeting, Quarryville.

U. S. Inspected Livestock Slaughter

For the week ending Thursday, February 10

	CATTLE	HOGS	SHEEP
Week to date	449,000	1,074,000	159,000
Some period last week	452,000	1,168,000	159,000
Same period last year	444,000	1,277,000	169,000

Estimated daily livestock slaughter under Federal Inspection.

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ALFALFA For Long Rotations

520

This big yielder often out-produces other alfalfas by 10 percent or more. It produces high quality dark green forage throughout the season — comes back quick after harvest. High seedling vigor helps you get a good stand.

SEE OR CALL YOUR PIONEER SALESMAN.

In the Kitchen

APPLE FRITTERS

- 1½ cups sifted all-purpose flour
- 1½ tsps. baking powder
- ¼ tsp. salt
- 1 egg
- ⅔ cup milk
- 2 cups finely chopped, pared, cooking apples
- 3 tbsps. butter or margarine

Sift together flour, baking powder and salt. Beat egg with milk in medium bowl; blend in dry ingredients. Stir in apple. Heat butter in blazer pan over medium flame. Drop batter by the spoonful into hot butter. Cook, turning once, until browned on both sides. Makes 6 servings, 2 fritters per serving.

Poultry Market Reports

Delmarva

BROILERS

Wednesday, February 9

Ready-to-cook movement fair but often less aggressive than early week. Slaughter schedules reduced slightly in line with expected needs. Advance interest slow in developing as traders await further market developments. Less than trucklot prices unchanged on both Plant and U. S. Grade A. Live supplies adequate however weights generally lighter than desired. Undertone steady. Pool trucklot prices for Thursday arrival in the New York area: U. S. Grade A 28½-31½, M 28½-29; Plant Grade 27½-29½, M 27½-28.

Special packs including 1¾-2, 3½ pound sizes TFEWR.

Eastern Pa. and N.J.

HENS

Wednesday, February 9

Prices continued unchanged on light type hens. Demand unaggressive as processors, having light interest for finished product. Live offerings light but generally adequate for needs. Heavy type hens adequate for a fair demand. Prices paid at farm: Light type hens 5-6¾ mostly 6½-6¾ in Pennsylvania mostly 5½-6 in N.J.. Heavy type hens 16-17.

Green Dragon Dairy Cattle

(Not Available This Week)

Weekly New York Egg Market

(From Monday, February 7th to Friday, February 11th)

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	32	32	32	32	
Large	31	31	31	31	
Mediums	28	28	28	28	
Pullets	25	25	25	25	
Peewees	16½	16½	17	17	HOLIDAY
BROWN					
Fcy. Large	34	34	34	34	
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Standards	27	27	27	27	
Checks	17	16½	16½	16½	

Long Tone - Supplies ample on all sizes with inventory generally at satisfactory levels.

Fogelsville

Auction Report

Sale of Tuesday, February 8

(Prices paid dock weights, cents per pound, except where noted).

Hens, heavy type 7-17½, mostly 10-16; Pullets 20-30, mostly 24-27; Roasters 22-30, mostly 24-27; Ducks 42-44; Drakes 45; Geese 41; Rabbits 50-67, mostly 65-67; Guineas 55-65, mostly 65; Pigeons (Per Pr.) 1.11-5.01, mostly 1.11-1.20.

Total coops sold 313.

Auction every Tuesday. Poultry received Monday 7 P.M. to 10:30 P.M., Tuesday 7 A.M. to 12 Noon. Sale at 11:30 A.M.

New York Eggs

Wednesday, February 9

Prices were generally unchanged on large and mediums, slightly higher on smalls. Offerings are excessive on most grades and sizes. Some country shipping points are willing to negotiate prices in efforts to establish clearances. Street trading is light and many outlets are buying on a minimum needs only basis. Carton movement is fair. Midweek advertised retail promotional activity was generally light locally although trade sources indicate more features are anticipated early next week.

Oklahoma City

Thursday, February 10

Estimated receipts	10,000
Same day last week	2,469
Same day last year	7,441

Fairly active, feeder cattle and calves generally steady to strong compared to late last week; majority receipts high good and choice 450-850 lb. steers and 400-650 lb. heifers. Demand broad for all weights and grades; fairly large attendance buyers.

Sales as of 12:30

Feeder steers - choice, few prime 300-400 lb. 45.50-52.75; 400-500 lb. 41.75-47.00; short load 428 lb. 49.50; 500-600 lb. 38.75-44.00; few small lots 500-550 lb. 44.00-44.40; 600-700 lb. 39.00-41.80, small lot 603 lb. at 42.80; 700-800 lb. 37.50-41.35, mostly 38.50-40.75; 800-1018 lb. 35.50-39.70; few good and choice 375-405 lb. 41.00-42.25; 500-750 lb. 36.00-38.75, small lot mostly good 518 lb. holstein steers 35.75; good 758-927 lb. holstein steers 31.50-32.10.

Feeder heifers choice, few prime 300-400 lb. 38.25-40.00, small lot 300 lb. at 44.60; 400-500 lb. 35.75-39.00; 500-600 lb. 35.50-37.25; 600-700 lb. 34.50-37.25; few 700-832 lb. 31.75-35.75, small lot 713 lb. at 36.70; few good and choice 300-415 lb. 34.50-37.50, two small lots good and choice 592-629 lb. 33.60-34.10.

Local Grain

Thursday, February 10

These prices are made up of the average prices quoted by six participating local feed and grain concerns. It should be noted, however, that no every dealer handles each commodity. All prices are per bushel, except for ear corn which is per ton.

The average local grain prices quoted Thursday, February 10, 1972, are as follows:

	Bid+	Offered+
Ear Corn	40.00	46.50
Shelled Corn	1.32	1.50
Oats (local)	.79	.91
Oats (western)		1.12
Barley	1.09	1.29
Wheat	1.44	1.64

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Pa., Japanese Officials Meet on Farm Trade

Governor Milton J. Shapp and Agriculture Secretary Jim McHale recently, met with two key figures in Japan's agriculture trade effort.

Keiki Owada, director general of the Agricultural Policy Research Committee in Japan, is the man who drafted the Land Reform Bill for his nation in the post World War II years. That world famous bill was worked out under the leadership of General Douglas MacArthur.

Owada, a world figure in Japanese agriculture for 30 years, said that 17 per cent of U.S. farm exports go to Japan, making the Asian nation by far America's largest farm customer

"In 1970," said Owada, "American agricultural exports to Japan totalled $1.2 billion dollars, in the same year Japan's agricultural exports to the U.S. came to only $40 million dollars."

The eating habits of the Japanese have changed more dramatically than those of any other nation in recent years. Owada foresees the Japanese demand for U.S. farm products continuing at high levels because of the change. He does not foresee his nation's agricultural production rising to its increasing needs in the near future.

Accompanying Owada was Tadao Yamasaki, director of the department of Public Affairs for the Japan Trade Center, the Tokyo based organization responsible for promotion of two way trade and dissemination of information of Japan overseas.

Yamasaki is New York based. Japan Trade Center also has locations in Chicago, Houston, Los Angeles, New Orleans and San Francisco.

Owada and Yamasaki have been meeting with Secretary McHale to explore the possibilities of increasing Pennsylvania's share of the huge U.S. export allotment to Japan.

The Governor and Secretary McHale said they are deeply concerned with farm income and production in the Commonwealth and are touching base with state, national and world leaders in agriculture in efforts to help the Pennsylvania farmer.

Shapp noted that Pennsylvania has the largest rural population in the nation. He called attention to the fact that the state also had the largest outmigration of any over the past 10 years.

Of the 400,000 people who left the state, 357,000 were from rural areas.

* * *

To paint knobs without handling them, push the screw up through the bottom of an upside-down egg carton and rescrew the knob onto the screw.

* * *

When painting furniture or woodwork indoors, slip a pair of old socks over your shoes. If paint drops on the floor, just "skate" it off. This saves your shoes and back, too.

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Dairy Processing Conference Planned

A conference for dairy processing, quality control and sales personnel has been scheduled for April 10-13 at Pennsylvania State University, says N. Alan Bair, associate Lancaster County ag agent.

Primary emphasis is on the flavor and shelf life of fluid diary products. Processing procedures, cleaning and sanitizing, waste disposal and sanitary regulations will also be covered.

Part of one day will be spent on a field trip to a dairy plant which also makes cultured products. The remaining time will be spent in the classroom and laboratory discussing quality and related topics. The conference will be conducted by the Department of Dairy Science staff.

Preregistration is necessary prior to March 30 as facilities are limited to 40 persons. However, at least 15 persons must preregister or the conference will be canceled.

For a copy of the program and a preregistration form contact: Agricultural Conference Coordinator, Room 410, J. O. Keller Building, Pennsylvania State University, University Park, Pa. 16802.

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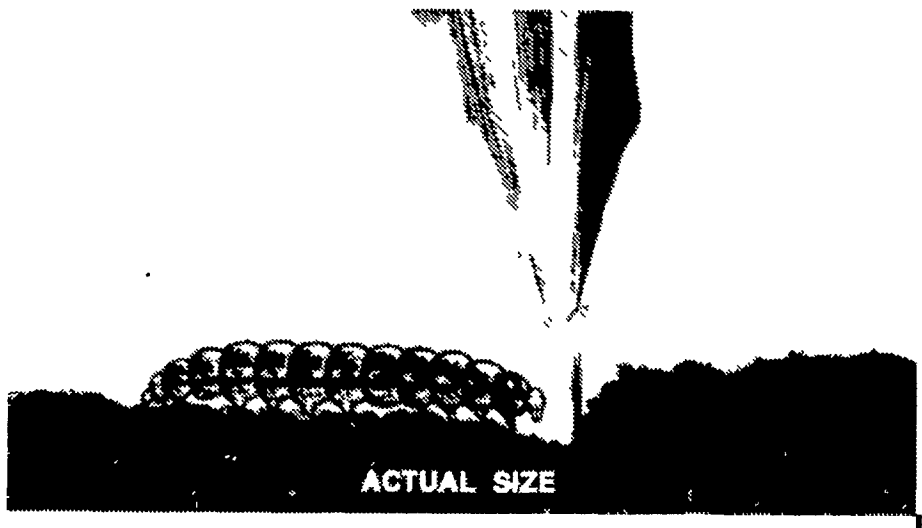
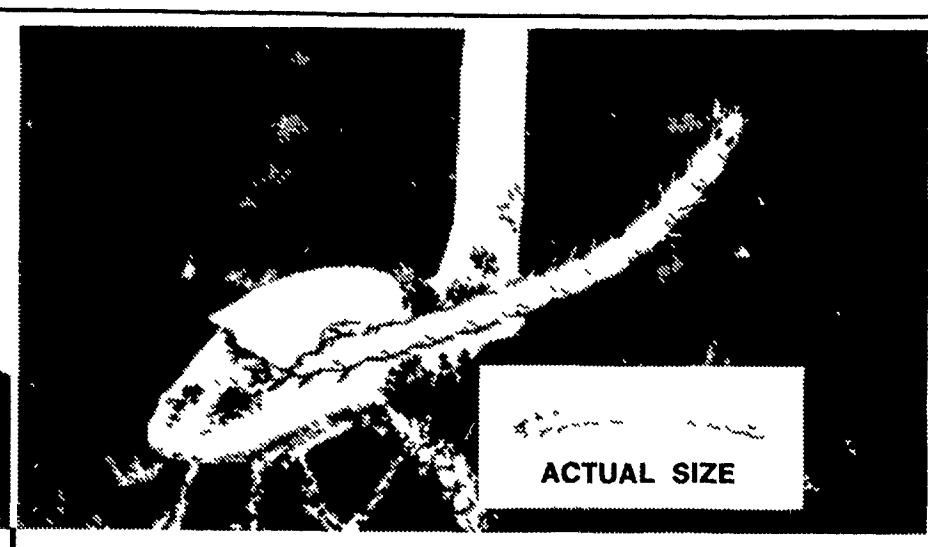
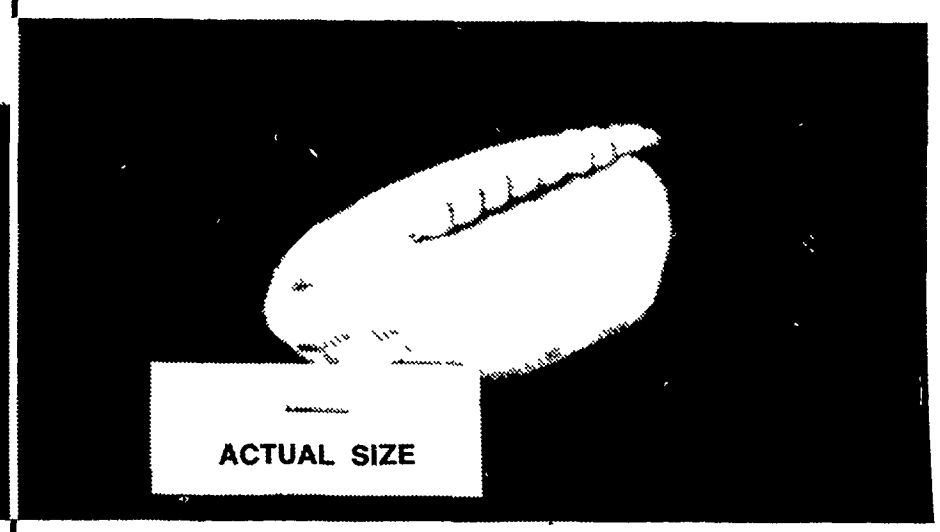


CUTWORMS?



WIREWORMS?

WHITE GRUBS?



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Should Belt 33G fail to effectively control the soil insects listed on the label, when used specifically according to use directions shown, or should Belt 33G not flow adequately through a standard spreader that has been properly adjusted, maintained, and in good working condition, Velsicol will refund an equivalent amount of Belt 33G insecticide to that used on acreage where Belt performance was not satisfactory (verified by paid invoice showing price and quantity purchased) if the following conditions are met:

A. Grower has completed and returned the guarantee registration card available at his dealer's within 45 days of Belt 33G purchase.

B. Notice of dissatisfaction of product performance and handling covered by this guarantee must be submitted in writing within 60 days of application.

C. A qualified Velsicol representative must be assured that the purchaser used Belt 33G according to label directions. The Velsicol representative must have the opportunity to observe insect control or handling performance to determine whether or not Belt provided economic control or was applied with properly maintained equipment.

IMPORTANT: Refund is limited to acreage on which Belt performance or handling was not satisfactory. Be sure to fill out and mail the registration card, available at your chemicals dealer, to verify your purchase of Belt 33G soil insecticide.

The broad-spectrum soil insecticide, Belt, is growing rapidly in popularity. Controls the widest range of soil insects that attack corn.

Belt protects corn till harvest, regardless of weather. Little hazard to feed, water, wildlife, when used properly, Belt is comparatively low-toxic. Its active ingredient is covered by a tolerance on corn of 0.3 ppm.

Velsicol guarantees flowability of Belt 33.3G granules. Easy to handle, it's applied and incorporated at or prior to planting.

In "no-till" planting, a once-over application proves especially effective and economical. Belt stays in the soil . . . and works!

The emulsifiable concentrate, Belt 72ECF, is also available if you prefer liquid application.

You can have confidence in Belt. It's chlordane at its best, for economical, broad-spectrum control.

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Farmers Union Schedules National Convention

The television star of "The Bold Ones," E. G. Marshall, will emerge as a real man with a real cause as he addresses the national convention of the Farmers Union at Houston, Tex.

Marshall will be the banquet speaker on Wednesday night, March 1. His subject: "National Health Insurance—A Must For the American People."

The national president of the Farmers Union, Tony Dechant, said, "We are delighted that we will be able to present Mr. Marshall to a national audience as a man who not only plays the fictional role of a concerned hospital administrator, but a man whose convictions match his performances."

Dechant said that he had served with Marshall on the committee which drafted the National Health Security Act. It has been introduced by Senator Edward Kennedy (D-Mass.) and 25 other Senators, and by Congresswoman Martha Griffiths (D-Mich.) and more than 80 other House members.

"As we studied the health situation in the United States, it became obvious that the overriding need of the American people is not only complete insurance coverage under a government plan, but basic reform of the health delivery system," Dechant said. "These considerations guided us in drafting the legislation which is now before the Congress."

"We in the Farmers Union are especially pleased to have Mr. Marshall come before us to discuss in dramatic terms the health outlook," Dechant said.

The four-day convention of the Farmers Union will be held February 28 to March 2 in the Rice Hotel.

A major feature of the convention will be new emphasis on the role of Governors and state party organizations in national politics. The organization is inviting Governors of key farm states to take part in a "dialogue" with delegates. They will participate in issue discussions on taxes, the economic and political influence of corporations, and effective participation in a representative political system.

Also to appear—either in person or in special videotaped presentations—will be major presidential candidates.

Farm Show Schedule Change Asked

Dates of the 1973 Pennsylvania Farm Show may be moved up to include a weekend to give the five-day event even broader public appeal, State Secretary of Agriculture Jim McHale has disclosed.

Secretary McHale said the proposed revision in the dates for the event is not definite but will be determined, after a survey of exhibitors, at the next meeting of the Pennsylvania Farm Show Commission and Committee next April 5 and 6 in Harrisburg. He has proposed that the 1973 show open on Friday morning, January 12, and continue through Tuesday, January 16.

Secretary McHale said the aim is to give more small farmers and working men and women a chance to see the big show, and, thus "build bridges of understanding between rural and urban folks in Pennsylvania."

Twin Valley FFA Report

The slow moving vehicle emblem law originally scheduled to take effect on December 11, 1971, will now take effect on February 12, 1972 unless another extension is granted.

According to the law, all vehicles designed to operate under 25 miles per hour must have a triangular show moving vehicle emblem attached, when being operated on a highway. This includes all farm tractors and horse-drawn buggies, according to recent interpretations.

The use of such slow moving vehicle emblems is in addition to any lighting devices, flags, or other equipment required by law. Use of such emblems on any other type of vehicle or as a clearance marker or on wide machinery or on stationary objects along the highway is prohibited.

Such emblem is not required on a towed vehicle if the towing vehicle displays the emblem and it is readily visible from the rear. An example of this would be that such an emblem is not necessary on a harrow, disc, plow, etc. if it is displayed on the tractor pulling it and is readily visible.

The emblem shall be positioned as near as practical to the center of the machinery and at least three feet off the ground, but not more than five feet.

This information was discussed at a recent meeting of the Twin Valley Young Farmers by Corporal Thomas Eczko of the Reading State Police barracks. The vehicle code as it applies to agriculture was also discussed. Copies of this section of the vehicle code may be obtained from the vocational agriculture department at the Twin Valley High School.

Help Us Serve You

Don't assume we know about your farm organization's meeting. To get your meeting on our Farm Calendar, it's safer to assume we don't know.

Remind us by calling 394-3047 or 626-2191 or by writing to Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543. You'll be helping us to serve you better.

P.S. — If you're not sure you told us already, we don't mind hearing from you again.

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a fertilizer program for corn. Increase your yield and return with this proven program that combines the benefits of UNIPEL 20 - 10 - 10 pre-plant application with UNIPEL STARTER SPECIAL 13 - 34 - 10 applied as a "pop-up" or in a band. See us soon.

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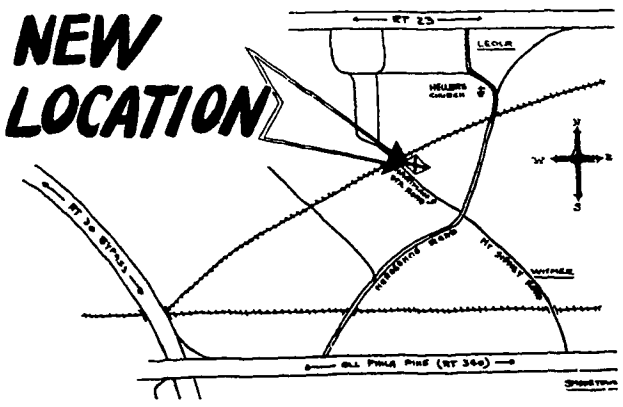

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New Surge Quarter Take-Off Milker Reported

The Surge QTO or Quarter Take-Off milker, a new concept in milking, has been developed by Babson Bros. Co. Research.

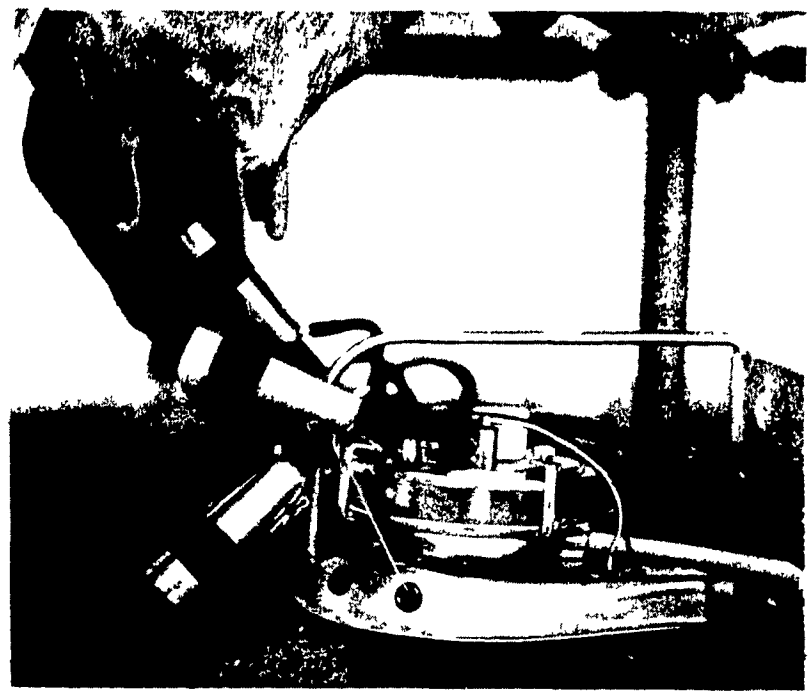
Built around the proven Surge principle of tug and pull and fast efficient milking, the new unit automatically removes the test cup when each quarter is milked out.

Results from almost one million milkings to date show advantages in labor efficiency while maintaining top milk production and good overall udder health.

Babson Bros. Research and Development Department began testing their first automatic take-off milker in 1958. Continuing research on the concept led to the development of the current model.

The milking unit is governed by a solid state electronic control. Individual electrodes sense the milk flow from each teat. When the milk flow ceases, the low voltage sensing circuit is broken which signals the removal of the teat cup.

Actual removal is accomplished when an air powered cylinder draws the teat cup downward. Vacuum is shut off at the stem of the inflation allowing the teat cup to drop off. The operator can check the status of the QTO with the help of indicator lights on a control unit.



With the new Surge QTO milker, each teat cup removes itself automatically when the milk flow ceases. When the flow stops, a pneumatic cylinder is activated, pulling down on the teat cup, shutting off vacuum at the inflation stem, allowing the teat cup to drop off.

"While the QTO is an important part of overall parlor mechanization," states Bob Dawson, product manager for Babson Bros. Co., "it is not recommended as a substitute for capable manpower. Rather, we see the QTO as a tool enabling the competent milker to milk more cows without sacrificing good milking practices."

"Although our field tests were designed to gather data on the new milking concept, we also gained considerable information on the basics of better cow milking," Dawson continues.

"For example, our test data shows the average time difference between first and last quarters milking out to be one minute and fifty-seven seconds. We conclude from this that any automatic take-off device that doesn't operate on a quarter basis will either overmilk the fast milking quarters or do an incomplete milking job on slower quarters."

"Automatic prep-stalls were present in seven of nine test installations," notes Dawson. "The absence of automatic prepping had an effect on operator efficiency and limited the number of cows milked per hour."

Experience gained in field test installations indicates that certain milking parlor designs offer higher operator efficiency. Double row Diagonal stall parlors with six QTO units and double row Sawtooth parlors with eight QTO units per man have milked the highest number of cows per operator, per four.

As high as 68 cows milked per man hour was recorded at one of the field test locations. This figure is based on actual cow milkings and does not include time consumed in switching production groups.

In addition to parlor design, it is apparent that certain support equipment effects cow flow and, therefore, overall efficiency. Some of these are: holding area design, crowd gates, prep stalls, power gates and doors, and design of cow entrances and exits.

The basic concept of the Surge QTO milker is to keep emphasis on both good cow milking and operator efficiency. In the last ten years, dairymen have dramatically increased their output per man hour. Both automation and increased production per cow played a role.

In order to make further progress, research needs to keep both aspects in mind. Since the major cost of milking cows is labor — ranging from 76 to 82 per cent — the labor saving potential of the Surge QTO should be of considerable value and interest to dairymen, Babson officials believe.

Babson Bros. Co. points out that availability of the Surge QTO to dairymen in 1972 will likely be of a limited nature. A 20-page research report covering all aspects of development and testing will be available April 1, 1972. Write Babson Bros. Co., 2100 South York Road, Oak Brook, Illinois 60521.

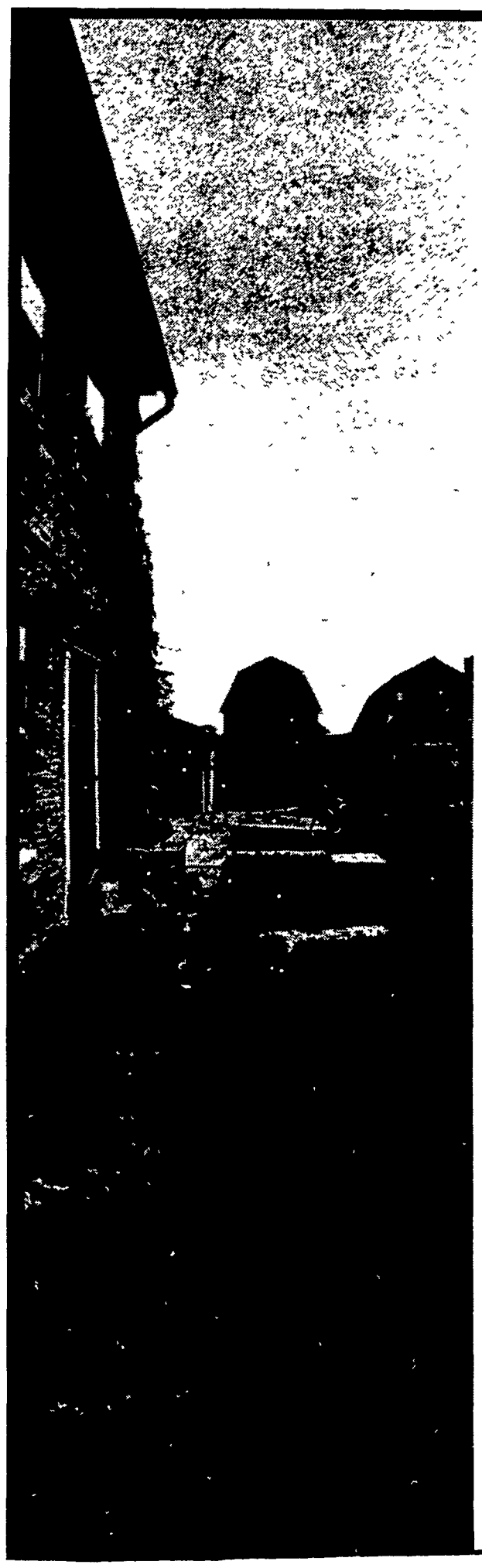
2 U.S. Dairy Inspectors Retire

The Eastern Area Office of the U. S. Department of Agriculture's Dairy Inspection and Grading Branch has lost through retirement its two top staffers, who have behind them a combined total of nearly 50 years of federal service.

They are: Donald P. Weber, Area Supervisor since 1959, and Arthur H. Kuecker, Assistant Supervisor since 1958.

The Eastern Area Office, part of the Dairy Division, operates inspection and grading servies for butter, cheese, dry milk, and other manufactured dairy products. It covers an area of 16 states from Maine to Florida.

The location of the office has *just been transferred from New York City to Syracuse, N Y., where the new Acting Area Supervisor is Leroy C. Iverson.* The Assistant is Gordon Monson.



Is your farm really worth as little as you think?

Last year, thousands of farmers who *thought* they were covered *suddenly took a financial beating* when disaster like fire or storm struck their homes. Why?

Because the replacement value of homes and barns has gone up over 33% in the last five years alone. And during the same time, costs of furnishings, clothing, tools and equipment have soared.

So, chances are, your farm is worth a lot more than you think it is— *and more than your insurance coverage says it is.*

If you haven't recently figured the value of your farm and personal possessions, you owe it to yourself to do so. It's easy.

Just call one of the Agway General Field Counselors listed below. He will be in touch with you quickly, to help you determine the present replacement value of your farm and your possessions.

The time to find out is now. Before something happens.

So don't take chances. Call today. No obligation, of course.

Get in touch with one of these Agway General Field Counselors today:
Barry Kochu
Lampeter, Pa.
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Bernard C. Morrissey
Stevens, Pa.
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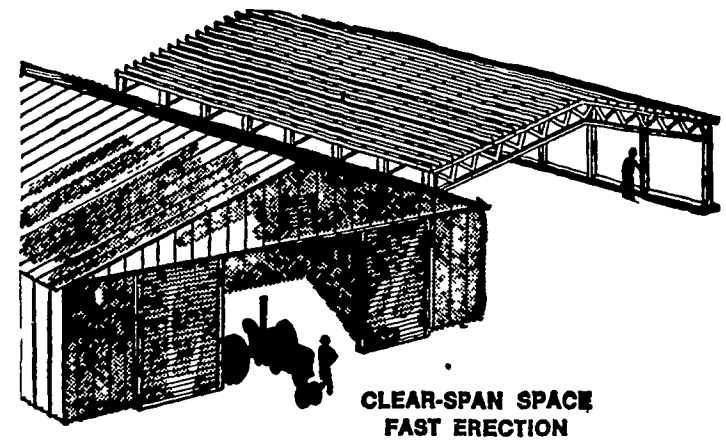

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Quality Soybean Seed Is Reported in Short Supply

Delmarva soybean growers and seedsmen are faced with a small supply of high-quality seed for this year's crop.

Rain, high humidity and unseasonably warm weather last September and October increased disease problems in soybeans and resulted in damage to many seed lots, according to Dr. William H. Mitchell and Dr. Robert B. Carroll, Extension plant specialists at the University of Delaware.

The problem is widespread and growers are urged to start early in lining up an adequate supply of seed for spring planting.

Germination Tests

In cooperation with the State Seed Testing Laboratory, germination tests were conducted on samples from 72 lots of soybean seed in the University's greenhouse. The lots represented about 50,000 bushels of seed or enough seed to plant nearly 25 per cent of the state's soybean acreage.

Half of the seed in each sample was treated with a recommended fungicide, while the remaining seed was used in an untreated check. The soybeans were planted at a uniform depth in a sandy-loam soil and germination readings were obtained after nine days.

Mitchell and Carroll point out that the quality of most seed lots tested was improved greatly with the fungicide treatment. Treated seed averaged 76 per cent germination compared to 53.5 per cent for the untreated soybeans—an increase of 22.5 per cent.

But seed appearance was a poor indicator of quality, Mitchell adds. Some of the best looking seed lots had the lowest rate of germination.

Pod and stem blight had an obvious effect on germination.

Purple stain, on the other hand, caused little damage to seed quality.

Some crop specialists are predicting a substantial increase in the number of soybean acres planted on Delmarva in 1972. Many growers, however, will be planting seed that normally would be considered substandard. Mitchell offers the following suggestions for growers:

1. Plant certified seed.
2. Treat seed with a fungicide. Growers can use either a slurry or seed box treatment.
3. Have all seed tested for germination.
4. Prepare a good seedbed before planting.
5. Wait until the soil temperature reaches at least 65 degrees F. before planting. For most growers this may mean delaying planting until the last week in May.
6. If the soil is dry, wait for a rain. And, avoid planting seed deeper than 1½ inches.
7. Use 10 per cent more seed than recommended.
8. If crusting occurs after planting, use a rotary hoe to loosen the soil.
9. Use herbicides carefully. Although herbicides are important for good weed control, improperly used they can cause costly damage to young seedlings.

Weaver Will Expand Frozen Fried Chicken Operation

Victor F. Weaver, Inc. recently announced plans to increase its prepared foods production by opening an additional frozen fried chicken operation at the company's New Holland facility.

The decision to open an additional shift, scheduled to begin March 6, will create 60 new jobs.

Weaver, a national leader of prepared poultry products, initially began production of its frozen fried chicken line seven year ago. It was the first company to successfully market such a product on a retail sales level.

Currently, the company is conducting an intensive advertising-marketing campaign throughout the eastern United States west to the Missippi River. The program is aimed at promoting chicken during what is usually recognized as a seasonally slow sales period. The advertising campaign has reversed this trend and created wide spread demand for frozen fried chicken.

According to a company spokesman, "The additional Frozen Fried Chicken Operation, tentatively scheduled to begin operation March 6, will operate on a nine hour shift four nights per week".

Weaver is one of the 10 largest employers in Lancaster County and the largest independent frozen fried chicken producer in the nation.

Central Tractor Organizes

The first meeting of the Central 4-H Tractor Club was held Tuesday, February 1, at Landis Brothers, Inc., Manheim Pike, Lancaster.

The following officers were elected: Darryl Bollinger, president; Dennis Landis, vice president; Dudley Rohrer, secretary, Darwin Nissley, treasurer, and Jere Swarr, news reporter

A film on "Farm Safety" was shown. The next meeting will be *held at 7:30 p.m. February 8.* Those interested are invited to attend.

News Reporter,
Jere Swarr

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Eastern Cooperative General Manager Reports

The two foremost responsibilities of Eastern Milk Producers Cooperative Association, Inc. is that of keeping farm costs down and farm prices up. As we come to the end of 1971, Eastern can look at its accomplishments for the past year. These accomplishments can perhaps be summarized as follows:

The Association has attracted several hundred additional new members, and, as a consequence, is marketing eight percent more milk currently than it did a year ago.

During the past year, improvements have been made by the Association in its quality control program so that currently the Association is employing 30 qualified milk inspectors. This responsibility is essential if we are to have a quality product reaching the consumer who, in turn, will continue to purchase dairy products.

We were successful in 1971 in dramatizing the great bargain price of a quart of milk. On a nutritive basis, milk is unmatched in cost, and in terms of price per pound, which is the way most other food items are purchased, milk selling for 15 cents a pound is a bargain priced food item.

John C. York
Eastern General Manager

Our efforts to integrate our supplies of milk with the facilities that are available for collecting milk in the country have improved the efficiencies in handling milk.

In most instances, the integration of supplies was with existing facilities in the country. In at least one instance, the Association built and put into operation a new bulk tank transfer station that is being efficiently used for the collection of milk in the heavy milk production areas of Enosburg Falls, Vermont.

Combining and re-arranging many of our hauling routes, as well as using larger equipment, has been helpful in keeping the cost of hauling milk at a minimum level. This has been done by the Association in many areas.

In accomplishing the many things the Association did the members of any other regional diary cooperative.

The services performed by the Association in the areas of health insurance, accident insurance, bulk tank discount sales, market guarantee, an informative house organ, and economic and legislative representation, were accomplished with a dues structure which in most instances is half that of other organizations.

The membership of Eastern enjoyed in 1971 a reduction in the Association's dues of 20 percent, so that the current rate is 4 cents per hundredweight. This was an unprecendented action on the part of the Association in the light of rising costs of doing business.

1972 suggests many more changes in the dairy industry. Plant numbers are going down. It is reported that in New York State the number of pasteurizing plants are down to between 125 and 150. The rate of loss is approximately 50 a year. It can be assumed that there will be a levelling off in the number of pasteurizing plants exiting the dairy industry, but 1972 will still show a sizeable reduction in numbers in the Northeast area.

In the meantime, dairy farmers, like the plants, will also be dropping out of business. In some areas the rate of drop-out will be as high as 20 percent.

A trend toward further distribution of milk through chain stores and convenience stores as opposed to home delivery will continue. In some areas less than 20 percent of the milk is sold by way of home delivery. The change in the pattern of distribution is likely to put additional demands on cooperative organizations involved in the diary industry.

Cooperatives must take a strong position in opposition to using membership dues money to subsidize the distribution end of the milk business.

1972 calls for greater stability than ever before in the dairy industry. It calls for maintaining proprietary handlers who have exhibited efficiency in the distribution of milk.

It is our expectation that in 1972, we will be marketing 10 percent more milk than we did in 1971. With this added responsibility, it will be necessary to assure that our membership become more involved and more responsive to the needs of the Association. We will call upon our membership to assist us in accomplishing the following:

1. Acquire more effective legislation to protect the interest of farmers — legislation that will assure us of effective milk bonding laws, proper labelling of milk, and protection against price cutting designed to demoralize the industry.

2. We will need to assure the consuming public that the quality of the product we produce is excellent and that milk is the best food buy on the market

3. We will need to work more effectively in improving the taste quality of milk at the point of distribution, whether it is the *stores, schools, hospitals, or any public institution.*

The dairy industry will have its difficulties in the days ahead. The farmer will need to be assured that the price of milk he produces on the farm will keep in pace with the general economy of the Country. Escalator formulas to change the price of milk in tune with economic conditions are essential and Eastern will continue to strive in that direction.

The industry needs the guidance of Eastern Milk Producers Cooperative to assure stability in the largest industry in the Northeast. We accept this challenge and look forward to new dimensions in 1972.

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On the PPM Economy

In a very real sense, all these problems farmers and others are running into in regard to residues in food, feed, air and water is a result of "progress."

The simple truth is that most of the trouble results from residues so minute in quantity that they couldn't even be measured a few years ago.

Problems stemming from DES residues in beef livers and residues including pesticides, various food additives, and other products results from measurements in terms of a few parts per million. Until recently, it was assumed there was no problem because such minute parts couldn't be measured. But sensitive new measuring instruments have made it possible for scientists to analyze things by parts per million (PPM).

A recent marketing letter by H. Louis Moore, Penn State marketing specialist, and Max Smith, Lancaster County ag agent, asks if we realize how small a part per million is To put the matter in perspective, the report makes these comparisons:

"1 penny is a part per million (PPM) of $10,000; 1 inch is a ppm of 15.78 miles, 1 minute is a ppm of 19 years, 1 pound is a ppm of 500 tons, 1 ounce is a ppm of 31¼ tons. Pretty small isn't it?"

That's the type of thing farmers are dealing with when the government tells them that DES residues in beef livers exceed allowable limits, or pesticide residues or other chemicals in food exceed allowable limits It's parts per million, amounts so small they usually couldn't even be measured until recent years.

In many cases, the whole thing is a lot of noise about nothing Often, the residue levels have never been effectively proven to be hazardous. Some official or officials have set an arbitrary standard and farmers who don't meet this standard are wrong and subject to lots of problems

The attitude is that the farmer is wrong until proven otherwise and the consumer is right until proven otherwise

We're not attempting to argue against the situation We're merely trying to show how it is, and why farmers have to be a little more careful than they ever were before

Actually, there's good reason to be a little more concerned than we ever were before about the consumer. Chalk it up to our higher standard of living. We can afford to be more concerned.

Also, it's true that if we feed the consumer the wrong thing, he may not have a second chance. Let the buyer beware is an attitude which has less and less appeal—particularly where it involves food and drugs which directly affect the health of the buyer. The attitude is growing that the seller must be concerned about the impact of his products on the health and well-being of the buyer.

Perhaps even more importantly, it's simply good business to put the consumer first.

Evidence is growing that firms which can guarantee the consumer a consistently high quality product are the firms which are going to survive and prosper in the future.

Egg producers, milk producers, meat producers, vegetable producers all need to keep this in mind.

The consumer is king today.

King Consumer today doesn't have the time or inclination to pick and choose among the various brands of eggs, milk or meat for a quality product.

What the consumer wants, as we see it, is the assurance that any dozen eggs he picks up any time or anywhere is going to be of top quality; the same for milk and meat.

Any dozen eggs which doesn't meet the top quality is a reflection against not only the producer and processor, but against the whole egg industry. Likewise, pesticides and chemicals which are used improperly by one egg producer is not only a bad reflection on the particular producer, but also on the entire egg industry and on every farmer

The same goes for milk and meat producers. Lack of quality at any point endangers the industry at every point.

It's parts per million. If a million farmers do the job perfectly, but one farmer is slip shod, the reflection is not on the million who are right, but the one who is wrong.

No reasonable person can say that such an attitude is just and fair. But likewise we believe that no farmer can justly say that this is not a fair statement of the situation today

Taking the situation as it is, rather than as it ought to be, we can only advise the agricultural industry of the very grave need to do a much more stringent job than it has ever attempted before to police itself, to assure that the consumer can never have cause to complain about the quality of even one part per million.

As we see it, those farms and agri-business firms which take the extra care to guarantee the consumer consistent high quality—perfection in every part per million—are placing themselves in a position to reap extra rewards and stay ahead in the race for economic survival in the competitive farm economy.

It is probably also true that those farms and agri-business firms which don't take such care are putting themselves in a vulnerable position, as well as endangering those who do the job right.

In a parts per million economy, the farm community needs to be more alert and better informed than ever before, farmers need to do the job right—everywhere and all the time.

Farmers also need to work a little harder to make sure that the pressures being brought about by the sensitive new measuring techniques are fair. It's possible to tie the farmer's hands without helping the consumer, possibly even hurting the consumer by forcing lower quality food at higher prices.

But largely it's a matter of doing the job better than anyone thought was necessary just a few years ago.

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NOW IS THE TIME . .

By Max Smith
Lancaster County Agent

To Treat for Lice and Mange

Biting and blood-sucking lice and chorioptic mange (barn-itch) are quite common and severe in Pennsylvania cattle herds this winter. The best treatment is high pressure spraying of the animals with Ciodrin; select a clear, still day for spraying the animals and wet them thoroughly, including their heads and lower part of the legs. Use cold water rather than warm water in order to prevent chilling. Both of these infections are spread through contact with other animals and infestation can get to the point where the health of the animal is reduced. The use of the cable-treating mechanism is another method of treatment, but not as quick or as thorough as the spraying of each animal.

To Use Custom Operators

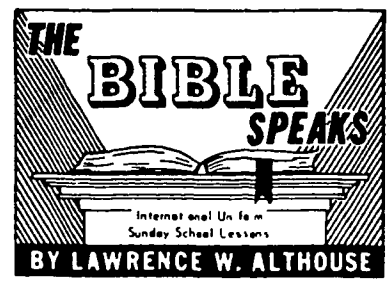
One good way to save labor and machinery investment is to hire custom operators to do the farm work. By hiring both man and machine it can be a financial advantage. In this part of the country small acreages may not justify the enormous machinery investment. In addition, custom operators should be more knowledgable concerning the materials to use in spraying and in the correct methods and time of application. A custom operator that spends most of his time with his equipment doing a particular job of harvesting or spraying should be an expert and be very efficient in his work. The greater use of custom operators could be an economy move.

To Change the Use of Stilbestrol

Due to the seven-day withdrawing period of feeds containing stilbestrol before slaughter, it is very important that all beef and sheep feeders follow this FDA regulation. It is suggested that feeders might change to a feed without stilbestrol for the last several weeks of the feeding period, or separate the cattle that are going to be sold in the next week or two, or implant the cattle with the stilbestrol pellet and feed a supplement without any stilbestrol. The profitability of using stilbestrol in cattle rations has been well proven over the past 10 to 15 years. Therefore, special managment is necessary now if it is to be continued as an aid to cattle and sheep production.

To Participate in Community Decision-Making

Again we urge our farm folks to become active in community affairs where decisions are to be made concerning zoning, pesticides, pollution, and other important subjects. With the trend or urban folks moving into the country changes will be made and I feel that it is very important that some agriculture thinking go into making those changes and the regulations to be followed. If farmers will not become a part of this community planning, then regulations may be made that will make it more difficult to continue profitable farming. We must try to get along as a community and appreciate the problems and opinions of others. We can do this better when we are active in the community.



TO SING THE DAWN!

Lesson for February 13, 1972

Background Scripture· Luke 17-20-37, 21 5-38
Devotional Reading 2 Timothy 4 1-8.

In nineteenth century America between fifty and one hundred thousand people were persuaded that Jesus' "Second Coming" would take place sometime between March 21, 1843 and March 21, 1844. When that period passed uneventfully, the date was revised to October 22, 1844. As this date also came and went without the return of Christ, many of the people in this movement stopped setting dates.

Rev. Althouse

"Come back home!"

The Christian churches have always had difficulty with the idea of Christ's "Second Coming" The early Church obviously believed that Jesus would "return" before the passing of the generation, but later had to revise this expectation Today when we study the words of both Jesus and Paul on this subject, most of us are left with a feeling of profound confusion It seems almost impossible to know just what Jesus meant by his "return" or to calculate when that event might be

In fact, the more we study Jesus' words on this subject, the more we get the impression that he was not interested in having us know the time, the place, or the manner of his return What he seems most intent about is that we should live in readiness and preparation for that event regardless of when it comes The key word in his teachings on this subject seems always to be "watch!"

This past summer while we were on vacation in the Maritime provinces of Canada, we heard repeatedly on our car radio a song entitled, "Come Back Home!" Although not mentioned by name, it was obvious that the youthful vocalist was addressing a heart-felt plea to Jesus to come and put this world back in order This is the substance of the Christian faith some time, some where, some way God will fulfill his creative purpose and plan and through his Son Jesus Christ the kingdom of God will come in all its fullness

Living by the light

Theologian Emil Brunner has said that "Faith is indeed nothing but living in the light of that which is to come"

It is the same way with getting up in the morning's early hours It may be dark as we arise, but because we know the dawn will come, we begin to work with the certainty that it will come Thus a follower of Jesus Christ can live in the midst of deep darkness and work hopefully by the light of the promise of Christ's return Someone has said "Prose can paint evening and moonlight, but poets are needed to sing the dawn "That's the challenge by which we begin this Lenten season **come, let us sing the dawn!**

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U S A. Released by Community Press Service.)

USDA Expands Pest Research Program

U. S. Secretary of Agriculture Earl L. Butz has announced a broad new pest management action program and an expanded research program to help farmers control pests more economically and effectively.

At the same time it will reduce the amount of DDT and other chemical pesticides currently being used.

The new program provides for a combination of chemical, biological and cultural pest control techniques, as well as long-range pest control research. This should enable farmers to reduce pesticide use in 1972 and later years.

The program will be conducted jointly by the U. S. Department of Agriculture, the National Science Foundation, and the Environmental Protection Agency, in cooperation with State Departments of Agriculture and State Agricultural Experiment Stations and Extension Services.

"We are well aware of the need to continually examine our methods of pest control and make modifications when possible. This program will help farmers develop integrated control techniques for protecting crops and livestock from insects and diseases while reducing farmer's production costs and protecting the Nations's consumers from increased costs for food and clothing," Secretary Butz said.

"The program will have other benefits. It will help protect the environment from the effects of currently used pesticides as well as protecting farmers, farm workers and their families, and the public from the possibly harmful effects of more toxic materials that might be used as substitutes for DDT or other chemicals."

The initial pest management program effort will be directed toward cotton because of the amount of chemical pesticides currently required to control cotton pests, the mounting ineffectiveness of some of these insecticidal chemicals and their side effects on beneficial insects and the environment. Later the program will be broadened to include insect pests affecting other agricultural crops.

The accelerated pest management program generally calls for assessment of pest population levels by organized scouting programs, selective use of pesticides, placing greater reliance on beneficial insects, utilizing special cutltural practices, and in the case of the cotton boll weevil, applying insecticides late in the growing season to control the population of the diapausing weevile—a period in the fall when the weevils' development is interrupted.

Cotton is grown on about 11 million acres in 19 states, and is subject to attack by more than 130 species of insects or spider mites. The boll weevil alone infest over 8 million acres in the cotton belt, with annual losses exceeding $200 million. Currently, cotton producers must make 10 to 20 perticide applications annually at a cost of $15 to $35 per acre to control these pests.

Under the new program, on-the-farm pest managment efforts which have previously been field-tested in a number of cotton producing areas will be expanded. A total of $2,250,000 is existing funds has been allocated by the USDA to this phase of the program in 1972.

It is expected that each of the pest managment activities will be financially self-supporting at the farm level three years after initiation of the program. This would allow reallocation of the funds to pest management programs for other crops.

In addition to the on-farm phase of the program, a total of $3.5 million will be allocated in 1972 to expand the research needed to field test new pest control and detection techniques, and to develop the tools necessary for initiating still other methods of control. Of these funds, $1.7 million will be provided by USDA, $900,000 by the Environmental Protection Agency, and $900,000 by the National Science Foundation.

Moss Appointed

William F. (Red) Moss, former Commissioner of Agriculture for the State of Tennessee, was to become Assistant to the Secretary, Office of Intergovernmental Affairs, effective February 1, 1972, U. S. Secretary of Agriculture Earl L. Butz announced recently.

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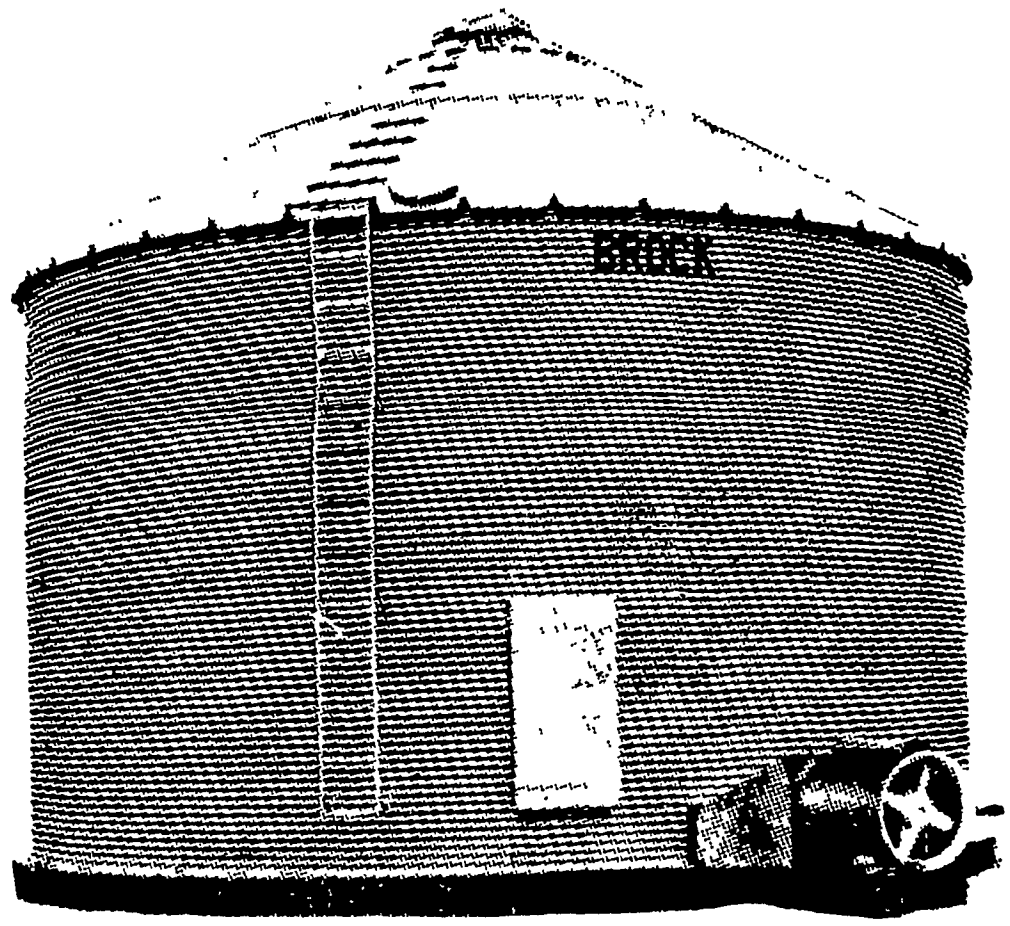

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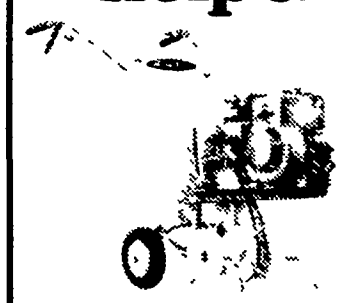

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Ephrata Area Young Adult Farmers' Has Third Annual Banquet

The Ephrata Area Young Adult Farmers' Association installed new officers and presented awards at its third annual banquet last Saturday at Mt. Airy Fire Hall.

Officers for the coming year are headed by Irvin Graybill Jr, of the Triple-G dairy farm, Stevens RD1, who is president.

Other officers are: Paul Bucher, Lititz RD4, vice president; Kenneth Hertzog, Ephrata RD1, secretary; Clifford Bollinger, Lititz RD4, treasurer, and Thomas Zartman, Ephrata RD1, public relations director.

Officers for the past year and the 1972 banquet committee were: Jesse Balmer, president; Graybill, vice president; Clyde Eby, secretary; Earl Martin, treasurer, and Glenn Martin, public relations director. Balmer was also banquet toastmaster.

Appreciation Awards were presented to Clarence Stauffer, Ephrata RD1, for his service on the Ephrata Area School Board from 1965 to 1971, and to Dr. Melvyn G. Wenger, D. V. M., for helping organize animal health classes for the YF Association.

Corn silage awards were given to the following: Leonard Kreider, Lititz RD4, first place with 10,560 pounds of total digestible nutrients (TDN) per acre; Luke Ray Zimmerman, Ephrata RD2, second, 10,155 TDN; and Clifford Bollinger, Lititz RD4, third 9,687 TDN.

Corn grain awards were given as follows: Earl G. Martin, Ephrata RD2, first place with 164.4 bushels per acre; Melvyn M. Nolt, Ephrata, second, 162.5 bushels per acre, and Warren F. Bollinger, Lititz RD4, third, 157.4 bushels per acre.

Hay awards were presented as follows: Earl Stauffer, Ephrata RD1, first, 8.38 tons per acre; Jesse G Balmer, Lititz RD4, second, 7.83 tons per acre, and Glenn Miller, Stevens RD1, third, 6.14 tons per acre.

Entertainment was provided by Mrs. N J. Fuhrman, Lititz, with a humorous Pennsylvania Dutch dialogue using names of members of the Young Farmers'.

In brief serious comments, Mrs. Fuhrman spoke about the need for humor, and the importance of doing the little things, like praying for those who need it, visiting and sending cards to shut-ins, and always wearing a smile. "Do what you can," she urged.

Among those speaking briefly were: Jay C. Zimmerman, Pennsylvania Regional FFA vice president, who described FFA as "youth with a purpose" and said FFA has the positive purpose of "getting everybody involved to help better the environment for generations to come; Jay Foreman, Pennsylvania Young Farmers Association president, who emphasized the need to meet membership goals this year, and Donald Hershey, Pennsylvania Young Farmers Regional vice president, who emphasized the need to continue education and to establish good public relations with bankers and businessmen. All three are Lancaster County residents.

Charles Ackley, Ephrata Area Young Farmers' advisor, received a special award of appreciation from the organization. Henry Givler, area vocational consultant, installed the new officers.

New officers of the Ephrata Area Young Adult Farmers' Association as they were sworn in by Henry Givler, area vocational agriculture consultant, are: left to right, Thomas Zartman, public relations director; Clifford Bollinger, treasurer; Kenneth Hertzog, secretary; Paul Bucher, vice president, and Irvin Graybill Jr, president. The organization's motto is: "A Young Farmer Is Any Farmer Willing To Learn."

Mrs. N. J. Fuhrman, well-known local Pennsylvania Dutch humorist, gets ready to make her "shopping list" as she speaks last Saturday night.

Receiving corn grain awards at the Ephrata Young Farmers' banquet are: left to right, Warren F. Bollinger, third; Melvyn M. Nolt, second, and Earl G. Martin, first.

Receiving awards for top corn silage production at the Ephrata Young Farmers' banquet are: left to right, Clifford Bollinger, third; Luke Ray Zimmerman, second, and Leonard Kreider, first.

Háy awards went to the following Ephrata Young Farmers': Glenn Miller, third; Jesse Balmer, second, and Earl Stauffer, first.

Charles Ackley, right, Ephrata Area Young Adult Farmers' Association advisor, accepts a gift of appreciation for his efforts on behalf of the organization at last Saturday night's banquet. Presenting the award is Jesse Balmer, outgoing president and banquet toastmaster.

Clyde Eby, right, presents Appreciation Awards to Melvyn G. Wenger, left, D. V. M., and Clarence Stauffer, center.

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Butler Named Pennmarva President

Fred G. Butler, an Inwood, West Virginia dairyman, was elected president of the Pennmarva Dairymen's Cooperative Federation at its fourth annual meeting recently in Washington, D. C.

Butler, vice president of Pennmarva for the last year, succeeds Walter A. Martz, Frederick, Maryland, as president of the 5,000 member dairy farmer federation. It includes those farmers who are members of the Inter-State Milk Producers' Cooperative, Philadelphia; Maryland Cooperative Milk Producers, Baltimore; and the Maryland & Virginia Milk Producers Association, Arlington, Virginia.

Elected vice president of Pennmarva was Lester C. Jones, Medford, New Jersey, a member of Inter-State; re-elected secretary was Dr. Paul E. Hand, Warminster, Pennsylvania, Inter-State, and Boyd M. Cook, Boonsboro, Maryland, MCMP.

The board of directors for Pennmarva includes: William Brinsfield, Cordova, Md., Willis L. Greaser, Williamsburg RD2, Pa.; Lester C. Jones, W. Levis Phipps, Wilmington, Del., and Wilbur Seipt, Lansdale, Pa., representing the Inter-State membership. Fred G Butler, Wilson A Heaps, Street, Md., and Herbert W Wessel Jr, Hampstead, Md , representing the MCMP R. Holmes Baker, New Windsor, Md., Walter A. Martz, Edward C Norman, Purcellville, Va , and C Thomas Sollenberger, Woodstock, Va representing the MVMP

Members of the Pennmarva Executive Committee include: Wilbur Seipt, Edward Norman and Herbert Wessel Jr. Dr. James Honan, Inter-State; Ralph L Strock, MCMP, and James E. Click, MVMP, the manager of their respective organizations, are members of the Management Committee of Pennmarva.

Since its founding in 1968, the Pennmarva Federation has played a major role in a number of milk marketing developments in the Mid-Atlantic area. These include the merging of the three Federal Milk Marketing Orders governing the Baltimore, Philadelphia, and Washington milk markets into the single Mid-Atlantic Order No. 4, the initiation of a 12-month's base plan and recently, action toward a market-wide milk promotion plan financed by deductions from all milk producers shipping under the Mid Atlantic Federal Order.

This plan is the first to be approved since Federal Legislation authorized such programs. The vote was taken of area dairy farmers, both co-op and non-coop members, January 22,1972.

The headquarters of the Pennmarva Federation is located at 1717 Gwynn Oak Avenue, Baltimore, Maryland.

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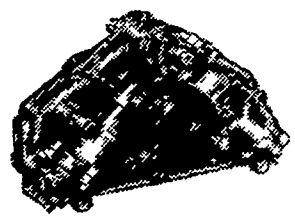

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Across the

Editor's Desk

Editor's Note: This is an excerpt from an article in which swine breeders were urged to improve the quality of their animals through testing programs. The item appeared recently in The Drovers Journal:

In the purebred hog business, "more customers every year are demanding complete performance testing figures on the boars and gilts they buy—we are fast becoming to a day when we will either test or quit raising purebred hogs," Robert Perry, Missouri registered swine breeder told hogmen attending the Nebraska Swine Breeders Seminar at Schuyler, Neb., recently.

He emphasized the need to follow a "plan" on a testing program, instead of using sporadic testing with the aim of boosting sales rather than improving the herd. "If a breeder really tests to prove his sires and sow herd, the advantage of selling more boars and gilts will come automatically," Perry said.

In his own testing program, Perry believes that the central test stations and the Superior Certified test pens, coupled with a strict plant of testing, have enabled him to make substantial improvement in his Duroc breeding animals over the last five years.

What Tests Can Show

Tests results have shown that several factors on a tested board are highly heritable and such things as body length, loin-eye area, backfat thickness, feed efficiency, growth rate and per cent of lean cuts can actually be proven in a test station.

If possible, Perry said, he buys a boar that has been raised in a test station or his litter has been tested. "I feel this has kept us from having to ship but one higher priced boar after we got his offspring tested," he explained.

Perry also noted that he tries to breed a young boar to some proven sows whose offspring from a different sire have been tested previously. This, he said, has helped to find just how the new sire will produce and "help or hurt" the breeding program.

Editor's Note: How well is the farmer doing? As cost-price pressures on farmers continue to rise, as numbers of farms continue to decline, and as consumers continue to fail to appreciate the bargain they're getting from the farmer, farmers in general continue to find it difficult to do as well as their urban neighbors. But large numbers of individual farmers have found ways to overcome these problems and to make their farmers yield "the good life" for themselves, as well as for the nation. The following excerpts from a speech by U. S. Secretary of Agriculture Earl L. Butz at a Press Club luncheon in Washington, D. C., January 14 give some national farm income facts and figures, and some commentary on them:

You have asked me to say something about parity and farm prospects in 1972. The figures on parity are well-known, as you and others watch for the figure each month.

Parity is important, but there are some important things which parity doesn't measure, and there are other very useful measurements besides parity that indicate how farmers are doing:

Such as ***income*** *— which is what farm people have to spend.*

Average income per farm — which indicates how much the average farm has to spend.

And average income of farm people compared with the average income of non-farm people — which measures how well farm people are doing in relation to non-farm people . . .

Farmers' realized net income from farming in 1972 will be about $1 billion higher than in 1971, at around $16.7 billion—the third highest in history. It would also mean that farmers' realized net would average $16.2 billion for the four years, 1969 through 1972—compared with $13.8 billion from 1961 through 1968. **That's progress; but it's not good enough.**

It's not good enough because the per capita disposable income of farm people is still only about three-fourths as much as the disposable income per person of non-farm people. It has averaged 75 per cent over the last three years. That is better than the 68 per cent average of the preceding eight years.

In 1972 the **average income per farm** from farming will be the highest on record—an average of about $5,900, or nearly $500 higher than in 1971. That will mean that the average income per farm from farming for the four years 1969-72 will be about $5,600—an increase of 37 per cent over the previous eight-year average. **Still, this is not good enough.**

Farmers are a long way from getting the average factory wage for their labor and the average percentage return on their business investment.

City people want fair wages, and the businessman wants a fair return on his investment. I think that they want farmers to have a fair return, too.

We have quite a ways to go before farmers do that well. And I intend to do all that I can to see that they make progress towards that goal.

We would like to see farmers do better so that more of them will find enough opportunity to be able to stay in agriculture. The average decline in the number of farms during the last three years is 47,000 per year. That is considerably better than the average loss of 106,000 farms per year in the preceding eight years. **But it still isn't good enough.**

In 1972 farmers will take in more money from livestock, due mainly to somewhat higher livestock prices than in 1971. Farmers might take in a little less money than in 1971 from the sale of crops—but this will be more than offset by higher government payments as we try to work down our grain supplies.

You are familiar with the fact that industries seldom run at full capacity. Yet the cost of carrying the excess capacity is built into the prices that you pay.

And the 40-hour week isn't the full working capacity of people (ask any farmer), but that is built into wage rates and product prices. Government farm payments are the compensation to farmers for carrying and conversing an excess capacity—which we will very much need in the years ahead.

Government farm payments in 1972 will be higher mainly to help feed grain farmers run their "factory" at a slightly slackened pace.

..Editor's Note: The following is the conclusion of an article on "Careful Management of Inputs Vital to Profits" in the recent issue of New Holland News. The article points out some of the

(Continued on Page 16)

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Across the

Editor's Desk

(Continued from Page 15)

factors to consider in evaluating if your operation is profitable and some practices to follow:

Here are some of the hidden management profit factors ag economists and computers bring to light:

Do you have enough volume to generate a living wage for your time and effort?

Do you handle hired labor efficiently? Is your operation big enough to keep you, personally, busy 12 months a year?

Do your crops and livestock fit the farm and fit each other?

Do you produce crops and handle livestock efficiently?

Are you willing to spend money (or borrow it) to make money on such things as machinery and supplies?

Are you timely with your farm operations, buying, marketing?

Are your buildings adequate for your farm program and so designed that labor and machinery can be used efficiently?

Are you an impulse buyer of supplies and machinery, or do you carefully figure your options first?

Wherever you farm, there are all sorts of ways you can whittle your cash inputs and increase your farm outputs to be among the winners in 1980, say farm management specialists here are a few:

Keep your money at work, they say. Take advantage of 2 per cent, 10-day cash discounts where they're offered. Two per cent for 10 days is 72 per cent at yearly rates.

Buy supplies in volume to get volume discounts, if you can, even if you have to pool orders with neighbors.

Take 30, 60 or 90 day discounts on farm machinery purchases if they're offered, whenever you can.

Keep a weather eye on future markets. They can act as a barometer for your marketing plans, purchases of feeds and the like

Check built-in services provided by your suppliers of feed, chemicals and other items. Sometimes they involve an appreciable difference in the price tag.

Pick out machinery dealers who are going to be around for awhile. That way you have more insurance on service and parts.

Make it easy for your employees to do a good job. They'll do a better one for it.

And, above all, in the opinion of Ohio State's John Moore, don't chart the course of your farm business while flying in a fiscal fog. Get radar!

The kind of radar he envisions is the new breed of recordkeeping aids, soil tests and the like, and the detailed analysis of those records and tests made possible by the computer and other devices that short-cut the amount of human effort needed.

A survey of computerized record-keeping, testing and business analysis services being offered to farmers show that Pennsylvania State University is one of the leaders in this field. The fees they charge for even the more advanced of these services are well within reach of most commercial farmers in the state. Many others now offer similar services, and the starting point to find out about their availability is no further away than your agricultural Extension Service office.

Included among the many things these record-keeping and analysis services can do for you is to figure out the best mechanized feeding system for your particular farm, determine the least-cost ration for your livestock given the crop conditions you actually face, let you know which are really the high-profit crops for your farm, and tell you whether or not you should buy a piece of machinery without first buying or renting more land on which to use it.

Farmers who have used Penn State's linear programming service since it started operations in 1965 say it gives them an objective look at their farm operatrions. It often shatters long-held management habits, they say, and sometimes points the way to changes which they had never considered.

Manhattan's Buyer

Peter Minuit, a Dutch colonist in America who was appointed governor of New Netherlands by the Dutch West India Company, landed on Manhattan in 1626 and, in the same year, purchased the island for $24 in goods.

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If your organization didn't make our farm calendar this week, it's not because we don't like you or your organization.

We may have missed it in the rush, Or maybe you forgot to tell us.

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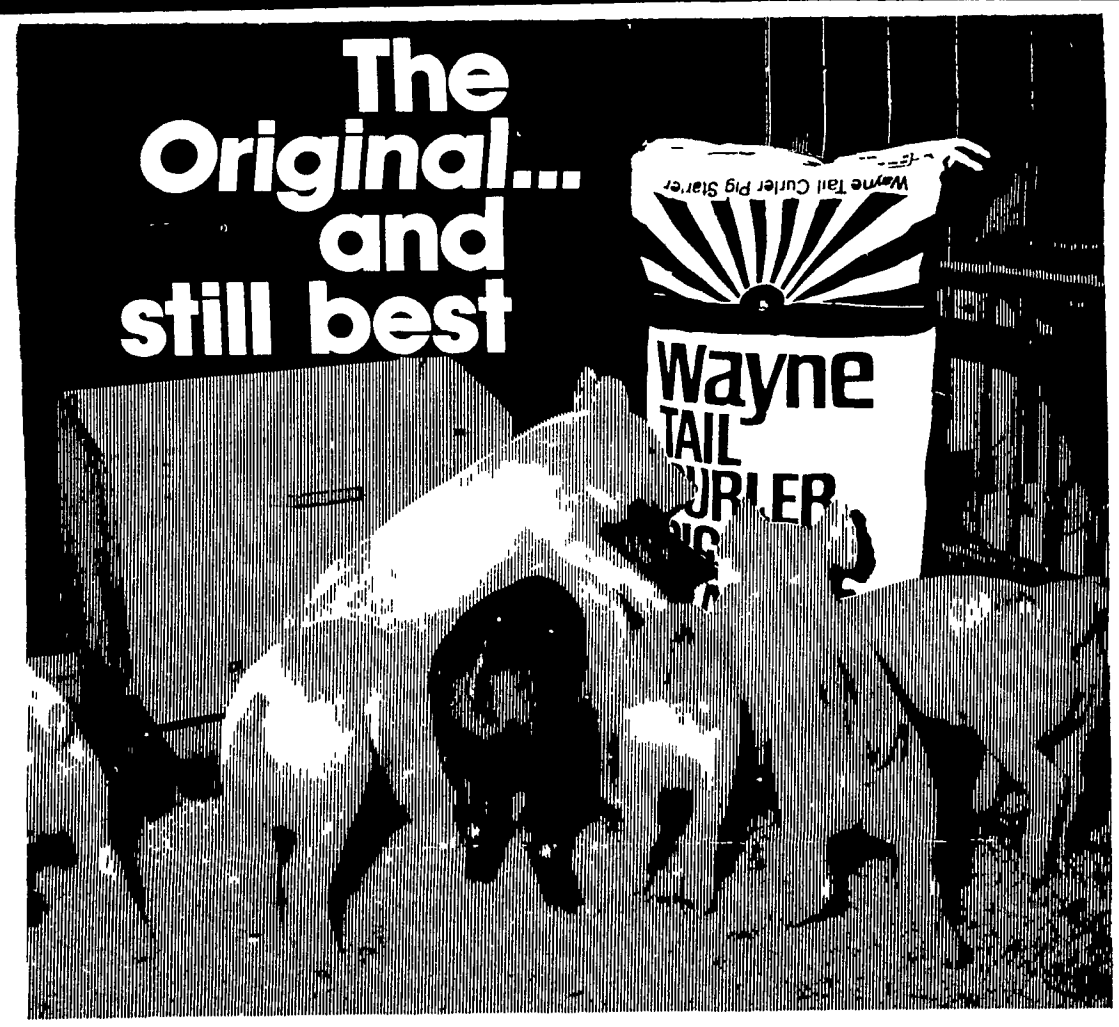

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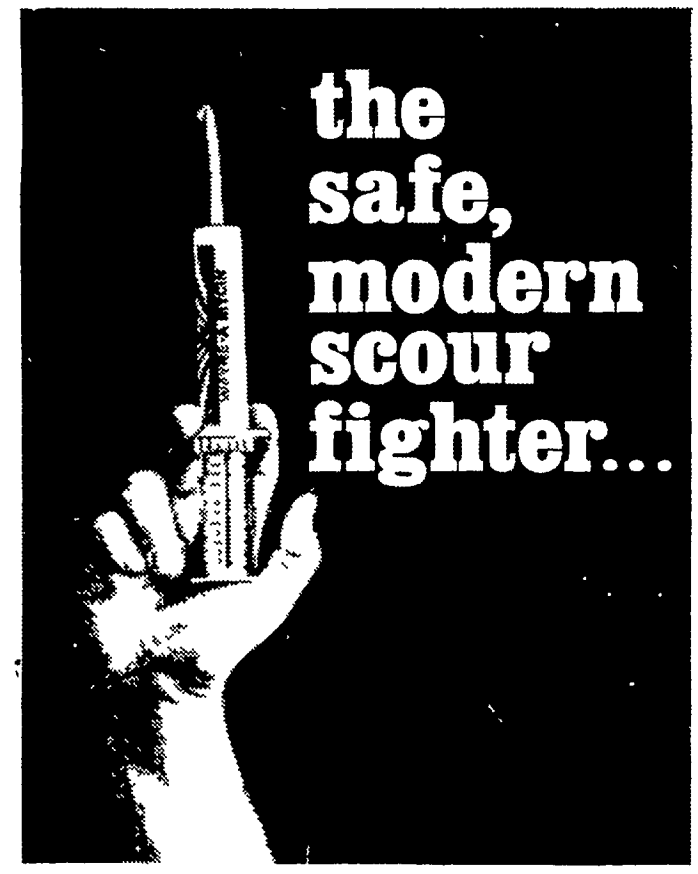

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Steers on Pasture Need Grain, Study Shows

Grass pasture alone is not adequate for summer finishing steers, according to Dr. Richard Fowler, Extension livestock specialist at the University of Delaware.

Holstein steers actually lost an average of 36 pounds in 2½ months in a research project by the University in cooperation with Draper King Cole cannery near Milford.

This loss was despite daily pasture irrigation with cannery waste water that supplied high levels of nitrogen to the grass. Most farmers could certainly not afford such irrigation for pastures. But, in a few locations, irrigation with discharge from sewage treatment plants may be possible, Fowler says.

However, with or without irrigation, for a successful summer feeding program, the study shows you'll need to add extra grain rations to supply energy. The experimental steers got their protein and fiber needs from the pastures; but without grain, the Holsteins lost weight.

When ground corn was added to the cattle ration at a rate of one per cent of the body weight, wihin a month the steers gained back all they had lost, plus 16 additional pounds.

In the study, six Holstein steers were kept from July 2 until September 16 on two plots of one-half acre each. The pastures were seeded to a K31 fescue, orchard grass and red top mixture.

For experimental purposes, no fertilizer or lime were applied. This was done deliberately to test the value of irrigating with cannery waste water, Fowler states. "However, before the summer was over, that pasture was in sad shape."

"This brings up another point for feeders. Don't overgraze—keep the pasture in good condition."

In the study, part of the reason for the gain in weight later in the season was doubling the pasture area to reduce overgrazing, Fowler says.

A pesticide residue study was an interesting sidelight to the research. During a good part of the summer, much of the irrigation water had been used for pepper processing. Peppers are one of the few crops still being sprayed with DDT for corn borer control.

When the grass was tested for DDT resideues, the highest level was five parts per million (p.p.m.). The residues in the steer ranged from 1.2 to 1.34 p.p.m. in the two steers checked. The maximum allowed in beef is seven p.p.m., so the steers were well within acceptable levels, Fowler states.

Another aspect of the study was designed by Dr. William Knibbe, soil scientist with the U. S. Department of Agriculture Soil and Water Conservation Service Research Division. He was interested in learning whether cattle would pack down the heavily-irrigated soil and keep water from going through. Fortunately, the soil was so sandy no compaction was noted.

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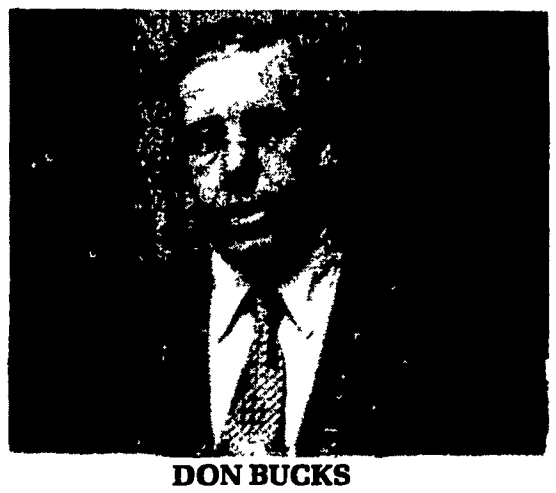

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Lancaster County Extension Association Holds Annual Meeting

The Lancaster County Agricultural and Home Economics Extension Association held its annual meeting Wednesday night at the Farm and Home Center.

The meeting included election of five new directors. By district, they are:

Mrs. Mark Nestleroth, Manheim RD3, northwest; J. Mark Bushong, Columbia RD2, southwest; Gloyd L. Hershey, Kirkwood RD1, southern; Herbert N. Myer, 1150 Village Road, Lancaster, southeast, and Mrs. Clarence Stauffer, Ephrata RD1, northeast.

A special award of appreciation was presented to Mrs. Loretta Kreider, who has been Extension secretary for 18 years.

In accepting her gift, Mrs. Kreider commented, "I only did what I was supposed to do."

J Wade Groff, Association president, quipped that that's why Mrs Kreider received the award.

In her report, Miss Joan Lucas, assistant Lancaster County home economist, noted Lancaster County 4-H enrollment was up in 1971 to a new high of 2,502, up from 2,415 in 1970. She reviewed work during the past year in various programs.

Jay Irwin, associate Lancaster County ag agent, emphasized that farming in Lancaster County is "big business" and that farming is in a very healthy condition

Decline in the numbers of farms often results from two or three farms being consolidated for more efficient operation. The fact that the average age of local farmers has dropped from 45 to 44 years in the past couple of years indicates a good future, he said.

Irwin noted the emergnce of pickles and grapes as a new cash crop. Blight and rootworm have been critical problems in recent years in the all-important corn crop.

In livestock, labor saving devices are increasingly important. Use of high moisture corn will probably continue to increase. Control of baby pig disease is receiving new emphasis, Irwin said

Although control of Marek's was "the biggest breakthrough in agriculture in a number of years," control of the disease contributed to a larger egg supply and depressed prices. Looking ahead, Irwin forecast new efforts in in-house drying of manure and the need for neutralizing, not just masking, manure odors.

Mrs. Doris Thomas, Extension home economist, described the new expanded nutrition program as her "most challenging, rewarding and frustrating" job of the past year. While everything didn't go as well as hoped, she indicated considerable progress has been made in establishing the "one to one" program to teach improved family diet.

Expierence showed the need to work "in all phases of family living," as well as diet.

So far, the program includes 123 families and 578 youths in 20 different clubs. Mrs. Susan Doyle, formerly of Lebanon County, and other working the in the program were introduced.

Marion R. Deppen, Penn State assistant Extension director, presented some facts on how Extension staff time was used during the past year, both statewide and in Lancaster County. Locally, more than half of the time was spent in improving farm income and 4-H youth work, with 28 per cent for improving farm income and 24 per cent for 4-H youth work.

Other categories listed included: marketing, 1 per cent; family living, 12 per cent; advice on home grounds, a growing area, 4 per cent; natural resources, 3 per cent, nutrition program, 4 per cent, and community development, 2 per cent. Adminstrative work and staff training took the remainder.

While Lancaster County is still the leading county in youth participation, other counties are gaining, Deppen said. He said youth enrollment increased 10 per cent statewide last year.

He also commented on the vitality of the local farm economy. He noted that the average age of farmers in Lancaster County is about six years lower than the state average. The county's $152 million of gross farm income is up 38 per cent in the past five years, double the 19 per cent statewide increase in the same period.

Among those present as special guests were all three county commissioners: Abram Dombach, chairman; Mrs. Jean Mowery, and Raymond Herr.

The Rev. Dr. James M. Singer, pastor of Ascension Lutheran Church, Baltimore, and former county resident, gave a brief but challenging message on "Creative Living."

Rev. Singer complimented his farm audience for being "creative people" but said he thinks the nation in general has "lost that great sense of being co-creators with God" and "things have sort of leaped ahead of us and we've sort of lost the belief" that we can do things.

He explained his belief that the rebellion in youth today is often a fear by them that they "can't live up to our expectations."

He urged honesty in teaching children that adults have fears, too, but that faith will enable one to live with and overcome these fears. He emphasized that "92 per cent" of worries are either unfounded or of the type that's impossible to do anything about, anyway.

He also urged, "Live your ideals." He said most ministers and psychologists fail to help others because "they don't give themselves."

Rev. Singer's siter, Mrs. Jean Thomas, directed the bell choir of Manheim Zion Lutheran Church, Manheim, for special entertainment.

Among those participating in the annual meeting of the Lancaster County Agricultural and Home Economics Extension Association Wednesday night at the Farm and Home Center were: left to right, Marion R. Deppen, assistant Penn State University Extension director; J. Wade Groff, Association president, and the Rev. Dr. James M. Singer, Baltimore pastor and former Lancaster Countian, speaker.

Farmers Home 1971 Loans Are Record $2.5 Billion

A record number of rural people, estimated at over three million, benefited from the Farmers Home Administration supervised credit programs during calendar 1971, Administrator James V. Smith announced recently.

Funds advanced through the U. S. Department of Agriculture's rural credit service totaled over $2.5 billion, breaking all records for supplementary financial assistance available to rural people in a 12 month period for housing, family farms, and community facilities.

Housing loans, which first hit the $1 billion level in calendar 1970, again set the pace during the 12 months ending December 31 as more than $1.4 billion were advanced to families with incomes in the low and moderate range living in open country or rural towns up to 10,000 population.

Farm loans increased nearly 20 per cent over the previous year to $754 million, and rural community facility loans and grants were up over 70 per cent to over $376 million.

Economic opportunity loans, discontinued early last year, totaled $2.2 million. They provided funding for existing farm and nonfarm enterprises in rural areas for poverty-level individuals and groups of low-income rural families in cooperatives.

More than 75 per cent of the amount loaned, Administrator Smith explained, was provided by private lenders on an insured basis. As borrowers sign notes, these notes are sold to investors, backed by the full faith and credit of the government, and the investors' money replenishes the revolving fund so more loans can be made.

"This improved record of channeling private funds into community strengthening projects," Smith added, "demonstrates that capital can be drawn into rural America, from commerical sectors of the nation, to underwrite the programs needed for better housing and improved small-town water and sewer systems."

The insured individual housing loans totaling over $1.4 billion represented an increase of 17.6 per cent over the previous year, providing new or improved housing for 111,097 rural families of low-to-moderate income.

An additional $28.9 million accounted for 415 rural community rental housing projects, and another $4.4 million funded 13 farm labor housing projects, 25 sites for rural housing construction, and 15 groups providing technical assistance for self-help housing.

Some $287.2 million was used to finance over 41,300 loans for farm operating expenses, over $317.3 million insured 12,404 loans for farm ownership and improvement, and $129.9 million helped 19,486 farmers restore their operations to a normal level after being hit by flood, drought or similar disasters.

Approximately 1,390 rural communities received over $296 million in loans while some 720 received loans and-or grants totaling $60.2 million for construction or improvement of rural water and waste disposal systems that will serve over two million rural people. Another $3.2 million in grants assisted some 240 rural planning boards to develop area plans for water and sewer systems.

During the year, FHA raised the limit on farm real estate loans to $100,000 and received authorization to subordinate mortgages to private lenders, banks and other commercial lenders or Federal Land Bands. It also received authority to extend rural housing credit to towns of 5,500 to 10,000 population.

The agency moved forward in its effort to market insured notes, as $750 million worth were sold through a nationwide group of secutities dealers. An additional $1 billion were sold directly from the finanace office of FHA, making $1.7 billion in total insured note sales.

Farmers Home Administration credit supplements other credit normally available in rural areas. It is extended through more than 1,700 local offices that serve every rural county in the United States, Puerto Rico and the Virgin Islands. Loans are made only to applicants unable to obtain credit elsewhere.

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From Local Ag Teachers:

Thoughts in Passing

Editor's Note: "Can you afford to put your hay crop second?" is the third of many articles in a special column written by various agriculture teachers in our service area. Designed to be of interest to and have educational value for all farm people, the articles offer an opportunity for the farm community to become better acquainted with the teachers and for them to express their own interest in the local agricultural community.

Donald Robinson

By Donald Robinson, Adult Farmer Advisor, Eastern Lancaster Co. School District

When we see alfalfa hay prices go over $60 a ton at local sales and a lot of our Lancaster County land has the potential of over six tons per acre, can we afford to put off making hay in order to plant corn?

The keys to top alfalfa production are attention to details, doing what needs to be done WHEN it should be done.

What needs to be done?

1. Select a variety for your soil and cropping situation. If you have a north slope or fields that freeze out on you and you desire long rotations, go with the winter hardy, high yielding variety-Iroquois.

If you are shooting for shorter rotations with highest yield potential, quick regrowth and early maturity, use Saranac or Promor variety.

2. Establish well—either Fall or Spring seedings can be successfully established.

Prepare a firm seedbed; those alfalfa seeds are very small; if they don't get in firm contact with the soil, you'll have trouble. Cultipack before and after seeding if necessary to get firm.

Of course, you should fertilize to soil test recommendations before seeding, and don't skimp on the lime or potash.

3. Control grass weeds before seeding with an incorporated herbicide. Broadleaf weeds can be controlled when the alfalfa plant forms the first trifoliate leaves. Don't cut corners and say they'll get shaded out after the first cutting.

4. Maintain once established. Top dress annually with 0-80-240 with boron. We recommend split applications, 400 pounds of 0-10-30 after first cutting, and 400 pounds of 0-10-30 after third or fourth cutting, and be sure to maintain a pH above 6.8, with necessary lime applications.

5. Control insects. When you saw the weavil eating leaves, you sprayed to control him. Now you aren't bothered much with the weavil so you figure you have no problems.

But very few alfalfa fields are not reduced in yield because of the leafhopper. And most of you argue that you don't see him or his damage. That's because most of you don't know how to catch him or identify him once you have caught him.

Sweep the top of your alfalfa with you hat, look real quick for a tiny, thin, pale green insect that will most likely hop or fly away immediately. The adult spittle bug is often confused with the leafhopper, but his is larger and more brownish. Aphids are small and green but more roundish and won't fly away.

Chances are you won't find leafhoppers on the first cutting. They come into the area after the middle of June when the weather is warmer.

If you catch one or two hoppers in 10 sweeps, it is time to spray.

Their damage is done by sucking juices from the plant, no holes will be in the leaves. Symptoms of damage are stunted growth you usually blame on the weather, later on crop will begin to yellow. Slow regrowth after cutting is often present.

You must control this insect if you are going to realize top production.

6. Time of harvest. It's hard to convince farmers that first cutting alfalfa, cut a the proper stage of maturity, full bud, and even lightly rained on, will produce hay with more feeding value then the same hay allowed to go 10 more days till the weather is "just right." But if you get in the habit of getting you hay analyzed for protein and TDN, you will soon realize this.

In addition to loss of feeding value while waiting, you are losing those days of regrowth and pushing each successive cutting later. Other cuttings should be harvested at EARLY bloom (about 35 days later).

7. To prevent freeze out or winter damage do not harvest last cutting between September 15 and a killing frost. After frost, cuttings should be made by leaving at least 4 inches of stubble. Purpose for waiting is to allow root reserves to be built up so plant can overwinter and survive the freezing and thawing of the ground.

For details on herbicides, insecticides, or fertilizers, check with your local agriculture department or county Extension agent. Attend the winter meetings of Young Farmers, Extension meetings, and commerical dealers.

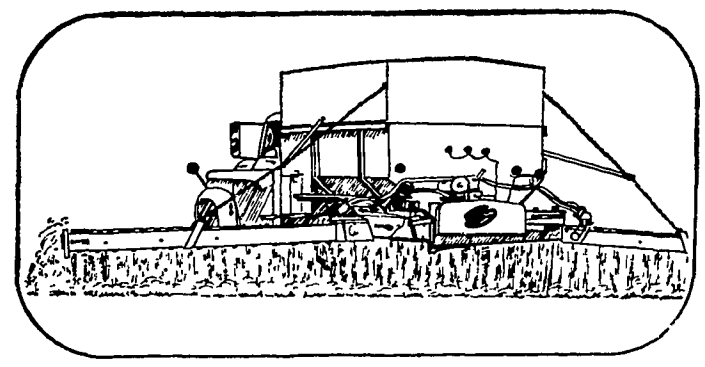
But don't wait until June to put these ideas into practice. The beginning of top yields are being made now by purchasing the needed materials so you won't have to wait on them later when you have to move. Be ready to go when the time is right.

Six tons at $60 per ton is a lot of return per acre, but you won't get it by treating your hay crop second best.

Last Request

Andrew Johnson, 17th U.S. president, was buried wrapped in the Stars and Stripes, with a copy of the Constitution under his head. The patriot's last request was "Pillow my head on the Constitution of my country. *Let the flag of the nation be my winding sheet.*"

APPLY LIME ON FROZEN GROUND



Don't hesitate to apply lime, even if the ground is frozen. The freezing and thawing action of Winter helps disseminate the lime, assuring you a properly balanced soil, ready for Spring plowing. And remember, liming pays in extra bushels and tons of crops and forage.

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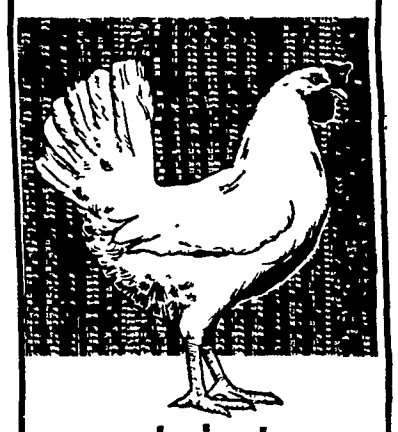

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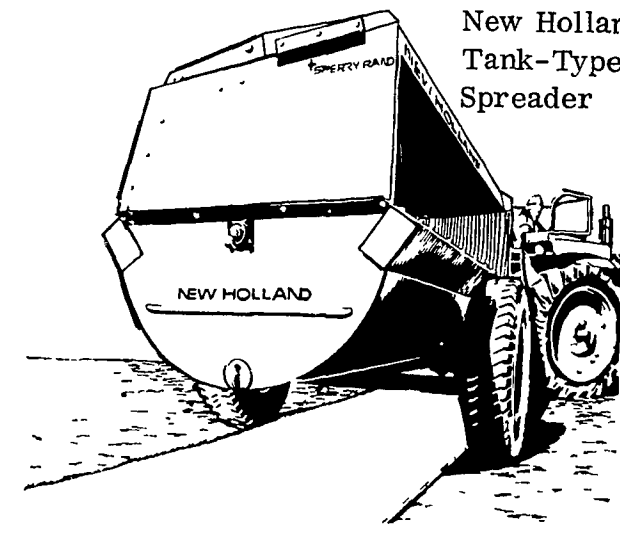
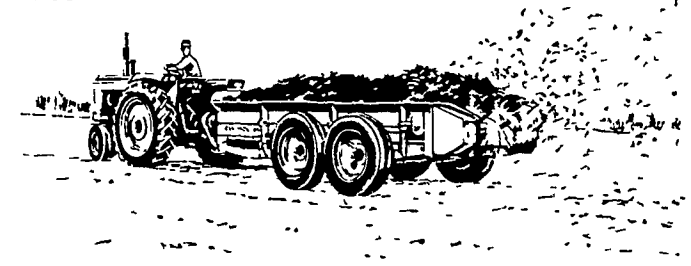


New Holland Model 675S Spreader



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Pesticide Spokesman Sees Better Public Attitude

A swing in public opinion toward a more reasonable outlook on the use of pesticides was predicted recently be a leading spokesman for the agricultural chemicals industry.

Speaking at a meeting of the Western Agricultural Chemicals Association, H. L. Straube, vice president and general manager of the Agricultural Chemical Division of Stauffer Chemical Company, cited four indicators that a reversal from the extremist views against pesticides is forthcoming:

1) House passage of a new federal pesticide control act that "does not represent extremes but promotes, instead, a common-sense middle ground in which the industry, responsible environmentalists and the government can work together";

2) Recognition by industry of the need for products that are ecologically safe, as evidenced by a wide range of new second and third-generation pesticides now coming on the market;

3) Realization by the general public that the benefits of modern living also involve certain environmental risks, "and people are beginning to realize they can't or won't give up everything";

4) More effective communication between the pesticides industry and the press, resulting in the mass media "taking a second and more sensible look at the issue."

Straube warned pesticide producers not to repeat past industry mistakes, notably failure to communicate with the general public and lack of response to changing social needs.

"We did not get our story across," he said. "We felt we could let our scientists answer questions that arose, and eventually people would understand the basic truths about pesticides."

The public was not aware of the benefits produced by agricultural chemicals, he said. "Before pesticides, the American farmer produced enough to feed himself and 11 others; today he feeds himself and 45 others," Straube noted.

"At the same time, only five per cent of our total work force is engaged in farming, attesting to the massive increase in productivity during the past 25 years. To look at it another way:

Annual losses of crops and livestock to pests in the U.S. are $20 billion. "If pesticides were withdrawn from U S. agricultural production," Straube said, "total output of crops and livestock would be further reduced by 30 per cent and the price of farm products would likely increase by 50 to 75 per cent."

This message is now beginning to reach the public, he pointed out. At the same time, Straube said consumers are becoming more practical.

"The consumer simply isn't willing to go back and put up with the inconveniences he took for granted 10 and 20 years ago, but with one important difference: He wants the benefits — but at less and less risk to him and his environment. Products that meet these new requirements are now appearing on the market with more and more frequency."

Looking to the past, the Stauffer executive noted that "as our standard of living continued to advance, people began to take a lot for granted and forgot about agriculture in the process.

"The farm vote was no longer an attractive bloc for politicians to woo — and it took the farmer out of the headlines. People began to think of food as a product that was manufactured, not grown. It was easy for the consumer to forget about the days of the wormy apple, the blemished corn, the half-rotted potato.

"Our affluent society had cured many of its basic ills, so it could now afford to worry about more sophisticated problems," he said.

"We must learn to accept and anticipate these changes," Straube pointed out. "We must recognize that product need is not static. It has changed in the past, it is changing now, and it will change in the future."

Take Extra Care of Bees

Unusual fall weather and high honey prices are combining to require extra good care bees this winter, according to a report to local beekeepers recently by Arnold Lueck, associate Lancaster County ag agent, and W. W. Clarke, Extension apiarist. Their report included:

Winter took a long time to arrive, which means that bees were active in the hive until early January. Bees consume more honey than normal under such conditions. They went into winter low on food in many areas, and with this combination of conditions it will be more important than ever to check for food supplies in the late winter. It is possible to open bees at any time that the outside temperature is near 50 degrees F. If colonies are low on food, they should be given food at once.

It seems important, with the price of honey so high and the supply, especially of the darker honey, low that all possible colonies be kept alive this winter.

It is also important that all available equipment be filled with bees next spring, but be sure to prepare sufficient supers to take care of the brood and hoeny. It is better to have more supers and fewer bees than the reverse.

AAtrex Label Changed

The Environmental Protection Agency has accepted a revised labeling for AAtrex 4L liquid corn and sorghum herbicide, officials of Geigy Agricultural Chemicals announced recently.

The revised labeling now permits farmers and applicators in most areas to use liquid nitrogen or a complete liquid fertilizer as a carrier for the liquid formulation of the popular AAtrex herbicide.

By using the fertilizer carrier, farmers will now be able to save one expensive trip through the field, as well as valuable time. Use of a fertilizer carrier for AAtrex 80W wettable powder had previously been approved.

The fertilizer-herbicide combination may be applied prior to planting or prior to the crop's emergence. However, liquid fertilizer applied after the crop emerges can cause crop injury, so post-emergence applications of the mixture should not be made. AAtrex 4L is approved for post-emergence applications, but not in the fertilizer mixture, Geigy officials pointed out.

* * *

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In 586 B.C., Nebuchadnezzar, the Babylonian king, led a mighty army against Jerusalem. This brought about the fall of the kingdom of Judah and the destruction of King Solomon's temple.

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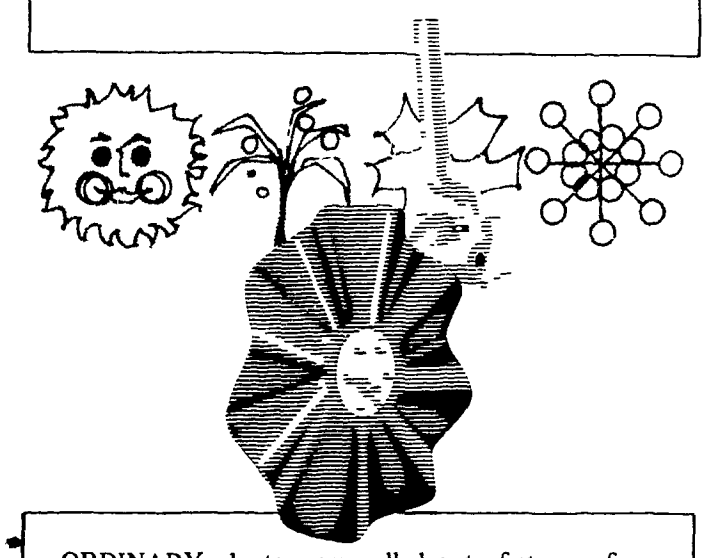

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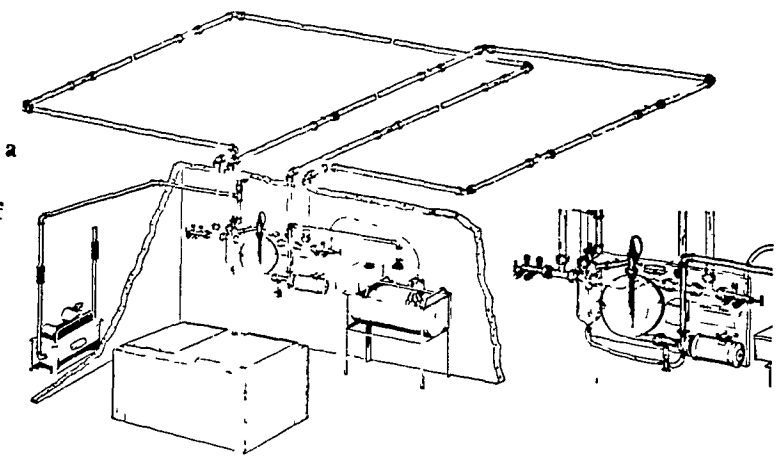

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Wenger Holds Deere Day

About 150 persons attended the annual John Deere Day sponsored by Wenger Implement, Inc , recently at the Buck Heights Roller Skating Rink.

Movies on equipment, including new 1972 lines, by John Deere were shown.

Speaker was Roy Shiflit of the Pennsylvania Power Equipment Dealers Association. He spoke on "Safety on the Farm and Highway."

There was snow and John Deere Snowmobile rides were enjoyed by everyone.

Ellis Kreider, Quarryville RD2, won the first door prize worth $75 in parts and service, and Paul Zimmerman, Peach Bottom RD2, was awarded the second prize of $25 in parts and service.

University of Maryland representatives from College Park flank top winners at the statewide Outstanding Young Farmers awards banquet recently in Charles County, Md. Shown are: left to right, Dr. Frank L. Bentz, the University's vice president for agricultural affairs; Richard Grossnickle of Union Bridge, Frederick County, second runner-up in the state OYF contest; Marlin K. Hoff of New Windsor, Carroll County, state winner, and Larry E. Stewart, Extension agricultural engineer and president of the Maryland Electrification Council, a sponsor of the state OYF contest. Hosts for the awards banquet were the Maryland Jaycees and the Greater Waldorf Jaycee chapter. By coincident, Grossnickle and Hoff are neighbors across county lines in north central Maryland. Both are dairy farmers.

Conservation Grows in Pa.

The U. S. Soil Conservation Service recently announced that land improvement practices to reduce soil erosion and improve water quality are on the increase in Pennsylvania.

State Conservationist R. M. Davis reported that the Soil Conservation Service helped over 22,000 landowners treat their land with conservation measures in 1971. More than 1100 units of governments including boroughs, cities and townships were assisted in solving land use problems during the year, Davis said

Records show that about 2.6 million acres or nearly one-third of the farmland in the state is now protected against soil erosion. Terraces, contour farming, and good crop rotations are protecting the soil and holding back sediment, nutrients and pesticides from our streams, Davis added.

Erosion and sediment control ordinances have been enacted by scores of Pennsylvania communities to reduce the movement of silt from new housing developments, industrial parks and public facilities.

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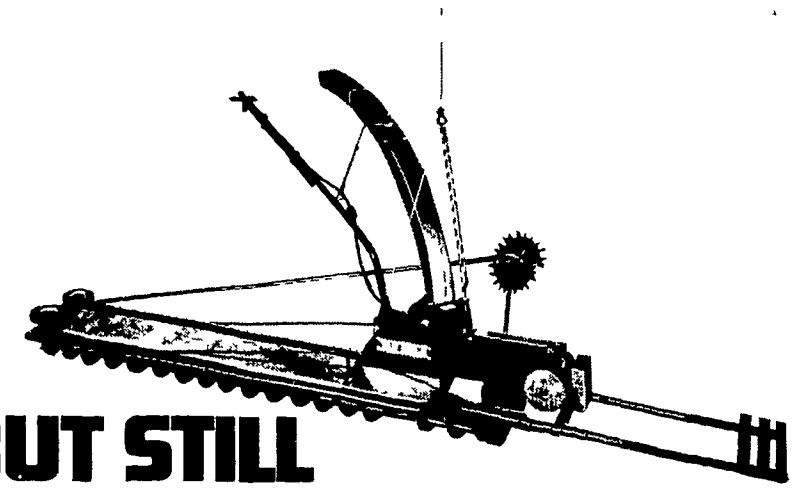

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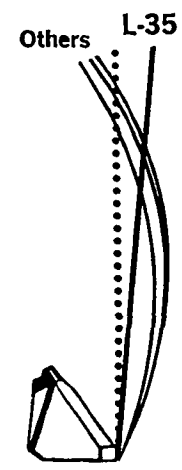

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Progress Toward Hog AI Reported

A method for successfully freezing boar semen brings the swine industry one step closer to artificial insemination (AI), according to a USDA report.

Frozen semen has been widely used in the cattle industry for 20 years, but freezing boar semen has met with many failures.

Although some boar sperm motility survived freezing, the main problem has been damage to the sperm's acrosome of head cap. The acrosome contains enzymes that the sperm uses to enter and fertilize the egg. Apparently, acrosome damage prevents this vital process.

Another problem is that billions of sperm are needed per insemination to obtain fertilization in sows. The uterus of a sow destroys sperm in great quantities so that few are available for fertilizing the eggs. The mechanism of this destruction has not been discovered.

With all these problems, however, ARS physiologists Vernon A. Pursel and Lawrence A. Johnson have developed a procedure for freezing semen that increases acrosome survival and sperm viability of thawed semen so that fertilization is possible. Workers at the University of Minnesota, St. Paul, and at Cambridge University in Englard have also recently reported progress in preservation of boar semen using some what different procedures.

In tests at Beltsville, Md., the use of frozen semen has resulted in the birth of 72 piglets from 9 sows. Other sows, inseminated and then slaughtered, were carrying embryos. In all, AI led to sucessful fertilization in 45 of 83 gilts.

Though AI has been successful with the new freezing procedure, some gilts checked for pregnancy have been only partially fertile. That is, there were fewer embroys than in a natural-service pregnancy. Dr. Pursel thinks this can be remedied with refined procedures.

For AI, fresh semen is collected and diluted with an extender developed at Beltsville. The extender prevents the destruction of sperm cells during freezing.

A key factor for success appears to be the addition of glycerol to the extender during cooling and its subsequent removal before the semen is acually frozen. Glycerol removal is essential for both sperm motility and acrosome integrity. With cattle semen, leaving glycerol in the extender has no harmful effects.

Cooled semen is poured into small indentations in a block of dry ice and frozen into pellets. These pellets are then collected and frozen at — 196 degrees C. The semen is thawed just before use. Thawed semen had 5 to 20 per cent motility and 28 to 54 per cent normal acrosomes.

Sows are inseminated with a long rubber tube that has a corkscrew-shaped end. One man can conduct the inseminating if a boar is kept in the pen next to the gilts. When a boar is present, a gilt in heat will remain still and can easily be inseminated.

AI could eliminate many of the problems of natural service, including the spreading of disease by the boar, the labor needed for hand or pen mating, and the injury to young gilts from older boars that are too heavy

Problems that must be solved for AI to be commerically practical include detection of heat, determination of the fertility of thawed semen from a particular boar, and use of only one insemination per sow for economy.

While much research and refinement are yet necessary, the scientists are hopeful that their procedure will open the door to breeding genetically superior sires with large number of sows.

Return Goods Constructively

An often forgotten dimension of the consumer's responsibility is the art of returning goods constructively.

The responsible retailer wants and needs to know when products have not performed satisfactorily, reminds Mrs. Carol Rothermel, assistant Chester County Extension home economist.

Consumers can help by returning unsatisfactory merchandise. Mrs. Rothermel suggests the following procedures when returning defective textile products:

Clearly explain the problem in writing. Be specific. Was the difficulty in shrinkage, piling, construction, color loss, or something else?

Include the date of purchase and the price. When possible, give model or style number and send copy of sales receipt with the complaint.

State length of time the item was used or worn and the approximate number of launderings and-or cleanings.

Describe briefly the laundering or cleaning procedure used, along with the names of special chemical or laundry products used for pre-treating or stain removal

Send or take the merchandise with accompanying letter to the manager or buyer of the appropriate department of the store where you bought the item When returning by mail, be sure to insure the parcel or send by registered mail

Include your name, address, and telephone number with the letter

Constructive returns made in this manner may require time and patience on the part of the consumer, says Mrs. Rothermel. But they also serve your best interests by helping the manufacturer and the retailer constantly improve the quality and value you receive for your clothing dollar.

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Farm Women Societies

Society 1

The Society of Farm Women 1, at a recent meeting, accepted LARC as its project for the year. Mrs. Graybill Hollinger, president, conducted the meeting

She reported on an executive board meeting she had attended. She announced that the Spring Rally will be held at Seven Springs in Somerset County May 10.

The county farm women will sponsor a bus to the Rally at $9 round trip. Society 3 will sponsor a bus at $8 round trip. Chalets will be available at $50 for eight persons. Anyone interested in attending the Rally may contact Mrs. Hollinger.

An auction has been planned at the Farm and Home Center and will be held May 26, 27 and 29.

Society 1 voted not to participate in the farm woman of the year contest.

Mr and Mrs. Simon Snyder, Ephrata RD1, in costume, presented an interesting program on their trip to Nigeria where they visited Mr. Snyder's sister, a missionary there for 33 years.

Forty members, husbands and guests attended the meeting. Roll call was answered with a witty saying. Mrs. John Newcomer gave the Invocation and presented the devotions.

Egg Decoration by Mrs. John Hess will be the program for the March 4 meeting. It will be held at 1:30 p.m. at the home of Mrs. Newcomer, Lititz. Mrs. Guy Reidenbaugh will be co-hostess. Mrs. C. H. Nissley will present the devotions.

Society 5

Farm Women Society 5 met Saturday, January 29 at the home of Elizabeth and Matilda Workman, East Petersburg.

The meeting was conducted by Mrs. J. G. Longenecker, president. Devotions were led by Elizabeth Workman. The Society pledged allegiance to the flag.

An invitation was received from Society 22 to attend a luncheon at the Willow Street United Church of Christ in Willow Street at 1 p.m. Tuesday March 14.

Reports of state convention of Farm Women held in Harrisburg in January were given by Mrs. Mervin Peiffer and Mrs Samuel Longenecker.

Mrs. John Yocum, Landisville, was installed as a new member and the Society gave a donation to the Farm and Home Center to be used for kitchen equipment.

Mrs. John Poff, East Petersburg, showed pictures of interest about the Eastern U.S. After a social period the group made plans to meet February 26 at the home of Kathryn Eichelberger of East Petersburg.

Society 10

Farm Women Society 10 met at the home of Mrs. William Fox, 1200 Wheatland Ave., Lancaster, on Saturday, February 6.

Mrs. Fox and her sister Miss Elizabeth Esbenshade were hostesses.

Mrs. Cyrus Neff gave a full report on the Farm Womens convention at Harrisburg

A donation was given for the kitchen at the Farm and Home Center.

A bus trip is scheduled for the flower show at Philadelphia on March 15, leaving the car barn at 825 East Chestnut Street at 7:30 a.m. Call Mrs. Frank Hodecker or Mrs. Clifford Shoemaker for details.

Society 13

Society of Farm Women 13 met recently at the home of Mrs. Raymond Denlinger, Enfield Drive, Lancaster. Mrs. John Bare, Witmer, was cohostess, and she led devotions.

Seventeen members answered roll call by stating their hobbies. Mrs. Irvin Leaman, vice president, conducted the business meeting.

A $5 donation was approved for the Farm and Home Center kitchen shower. Members voted to support the LARC organization as the county project for the year.

Mrs. Leaman announced that bus tickets for the Spring Rally at Somerset are now available.

Society 13 will be entertaining Society 27 and County Board officers at the Witmer Fire Hall at 7 p.m. March 10.

Egg Act Hearing Set

Hearings on the Egg Industry Adjustment Act, S.2895, have been rescheduled for February 15 and 17 before the Senate Subcommittee on Agricultural Production, Marketing & Stabilization of Prices.

James F. Fleming, Director of Governmental Relations for VEP, said Subcommittee Chairman B. Everett Jordon of North Carolina confirmed the new hearing dates, which previously were set for March 7, 8 and 9.

Bake Potatoes Slowly

"If you want a good baked potato, bake' em slowly (about two hours) after making sure that they're grown in Pennsylvania," advises Ray Dockey of Elizabethville RD, chief cook and potato baker at the Pennsylvania Cooperative Potato Growers booth at the Farm Show.

Society 23

Farm Women Society members sewed ten dozen cancer pads during a meeting at the home of Mrs. Leroy Funk, Washington Boro RD1. Mrs. Paul Keperling led devotions.

Mrs. Howard Martin, president, was in charge of the business portion of the meeting. Mrs. John Newswanger was in charge of games in which members tried to identify other members from baby pictures. Each member told of their earliest childhood memory.

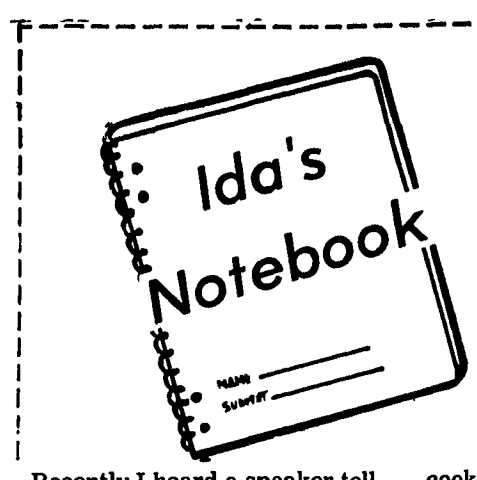
Plans were finalized for a banquet February 19 at Willow Valley Restaurant, when husbands will be guests. Mrs. Robert Miller is in charge.

Mrs. Paul Keagy, chairman of the ways and means committee, reported plans for a bus trip to the Governor's Mansion on March 14. A limited number of reservations are available. Mrs. Keagy, Washington Boro RD1, is in charge of reservations.

At a previous meeting and demonstration of rubbr products at the home of Mrs. Robert Miller, Washington Boro, gifts of money were approved for sending the Hamburg School where the Society purchases birthday gifts and spending money in the canteen for three children, twin girls and a boy.

Brief reports of the Farm Women Convention at Harrisburg were given by the delegates, Mrs. Clayton Charles and Mrs. Robert Rohrer. They read the resolutions adopted by the State Society. Mrs. Martin urged members to write local legislators, especially concerning the prohibition of X-rated movies in outdoor theatres.

The next meeting wil be held at 7:30 p.m. March 7 in the home of Mrs. John Newswanger, Millersville RD1.



Ida Risser

Recently I heard a speaker tell an audience that learning should be a life-long process. He suggested one year of formal college training to be followed by working and then studying for many years to get the final degree.

All of us learn from experience, from other people and from books all during our lives. Lately, I've been reading biographies of Woodrow Wilson and Thomas Ediosn. Their backgrounds, upbringing and talents were quite dissimilar. Yet, when one reads of all their accomplishments, one is left feeling like a real "nothing."

I suppose as long as we strive to learn and serve it isn't up to us to decide of what importance we are in God's world.

xxx

I admit that I'm a real string saver. It is difficult for me to throw anything away. Last week I was able to repair a broken handle on a lunchbox because I remembered saving a worn out bookbag which my oldest child used 15 years ago.

There it was on the attic under a hammock in which I rocked as a child. Nearby was some stovepipe from our first cookstove. If you keep something long enough, it just might turn into an antique.

xxx

After a banquet in Lancaster, a lady from the southern part of the county gave me a branch of black alder from her farm and now I know that what grows in our lane is something different.

When I wrote about my houseplants, another lady called to share an idea. She has beautiful blue morning glories climbing up strings at her kitchen windowsill. I'll have to try that.

I read somewhere "Ideas are like children, your own are wonderful."

Fix-It Tip

Ice, snow and high winds can cause an electrical failure by pulling down wires and the only thing you can do about it is to wait sensibly until the utility company restores service.

Sensible waiting means staying away from the downed wire if it is near your home, posting warnings and barricades to keep others away.

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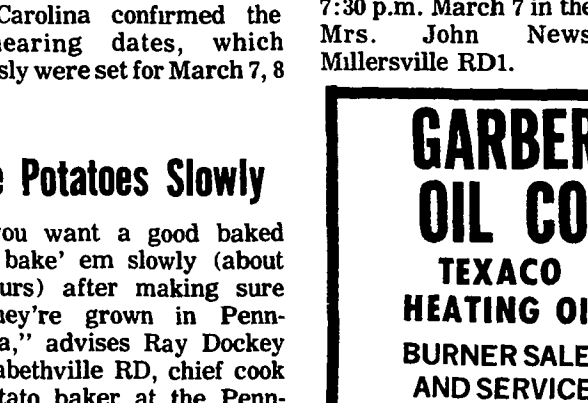

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Grange Sewing Contest Begins

A home sewing contest, fastest growing project conducted by the Pennsylvania State Grange, opened recently for 1972 with an enrollment goal of 1,300, according to A. Wayne Readinger, master.

Readinger said the contest will be directed by Mrs. Ross Metz, Allensville, Womens Activities chairman, and her committee. Enrollment a year ago reached a new high of 1,122 from 43 counties.

Again the competition will be open to non-professionals 12 years of age or older who are grangers or are grange-sponsored. They will make any type dress or suit including pants outfits in one or more of three different classes.

Enrollment will remain open until April 30 when an entry form for each garment must be filed with the contestant's Subordinate Grange.

Garments will be judged in May at Subordinate and Pomona Grange levels preliminary to State finals in June at State Grange offices in Harrisburg where a state champion in each class and a best-of-show will be selected.

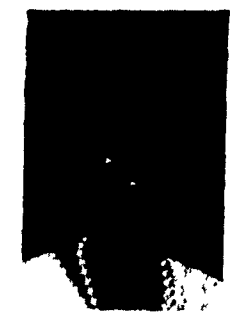
At nationwide finals in New York following the state judging Pennsylvania winners and champions from the other states will compete for National honors and attractive prizes. These include a seven-day Mississippi River cruise on the Delta Queen, $1,000 in cash, $500 scholarship, U. S. Savings Bonds and various items of merchandise. Attractive prizes will be awarded also to winners at Subordinate, Pomona and State levels.

Mrs. Metz stated that detailed information may be had from Women's Activities Committees in all grange bodies. Assisting her statewide are: Mrs. Ralph Tau, Saegertown; Mrs. Herald Pentz, Rockton; Mrs. Ellsworth Andrus, Milan; Mrs. J. Logan Brownlee, west Middleton; Mrs. Leroy Hoover, Roaring Spring; Mrs. Harry Schreiber, Newport; Mrs. Glenn Yarnall, Gilbertsville, and Miss Ellen Garber, University Park.

American-born

John C. Calhoun, vice-president under Presidents John Quincy Adams and Andrew Jackson, was the first U.S. vice-president not born a British subject.

Ladies, Have You Heard?



By Doris Thomas,
Extension Home Economist

Doris Thomas

Peaches and Fruit Cocktail Lend Mealtime Artistry

Some foods just seem made for the purpose of adorning and enhancing other foods. Canned peaches and canned fruit cocktail are prime examples.

Consider a scoop of cottage cheese, for example. Although fresh-tasting and rich in protein, it's rather bland all by itself. But surround it with golden canned peach halves or slices, or many-hued canned fruit cocktail — and it instantly becomes a tempting, attractive luncheon salad.

As an artist with peaches and fruit cocktail on your palette, you'll find many palate-pleasing foods to use as your canvas.

You know that chicken you're planning to broil for dinner that's exactly the same as the one you served last week? This time, decorate it with canned peach halves.

Broiled peach halves are a pretty-as-a-picture garnish that provides a tasty complement for chicken. To prepare the peaches, sprinkle them with a butter and brown sugar mixture, and broil until bubbly

Here's another good reason for featuring peaches and fruit cocktail in your menu plans The U.S. Department of Agriculture reports large inventories of both — generally larger than last year. *USDA's Consumer and* Marketing Service says these heavy stocks point to probably attractive prices in retail outlets

Canned fruit cocktail and peaches really blossom in desserts. Peach melba peach shortcake . . peach crisp . all are luscious and colorful when made with canned peaches.

Fruit cocktail atop your favorite ice cream makes a dazzling and delicious sundae.

Of fold drained cocktail into loftily whipped cream and serve, shortcake-style, with angle food or sponge cake.

Puddings and custards are also glamorized when fruit cocktail or peach slices are stirred in or spooned over.

To add a home-made touch to packaged vanilla ice cream, let the ice cream soften, swirl in chunks of peaches or fruit cocktail (use the syrup, too) and refreeze.

Sirloin Steak Good Buy

If you're buying steak for your family, a sirloin may be your best bargain. A good one will serve four or five people and costs a little less per pound than those from the short loin.

These thick tender steaks may contain either a wedge bone, pin bone, or a long flat bone. Usually sirloin with the long flat bone is slightly more tender. But the others have less bone.

When buying any sirloin steak, allow one-half pound per person for generous servings.

Steaks from the short loin are also juicy and tender, but may cost slightly more per pound.

These steaks include the porterhouse, T-bone and club The porterhouse contains a large section of the tenderloin while the T-bone has a smaller section Both have the familiar T-shaped bone. The club steak is similar to the porterhouse and T-bone, but lacks the tenderloin portion.

For generous servings of any of these, buy a three-fourths to one pound steak per person

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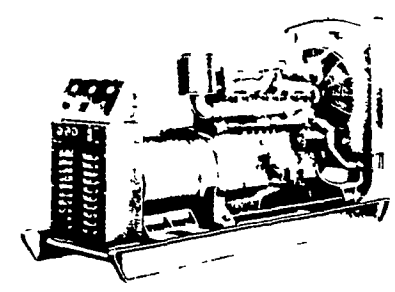

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Darla Erickson and Vicky Hull, floriculture students at Brownstown Vo-Tech, prepare geranium plants in preparation for May sales. Many geranium operators are doing the same for the upcoming spring sales of bedding plants to beautify homes throughout the county.

New Beef, Pork 'Facts' Are Available

Two longtime favorite publications, "**Facts About Beef**" and "**Facts About Pork,**" have recently been completely revised and printed in full color by the National Live Stock and Meat Board.

In addition to their more attractive and colorful appearance, all the "facts" have been updated where necessary to conform to new developments.

According to Reba Staggs, the Meat Board's Director of Home Economics: "They contain the very latest recommendations for the selection, care, storage, freezing, defrosting, cookery and nutritional values, respectively, of beef and pork." One example of up-dated information concerns storage. The new recommendations are based on changes that have been made in packaging methods and materials used by retailers, says Miss Staggs.

Nutritional information in the revised edition is now more practical and helpful for the busy homemaker doing the family shopping and meal planning," said Frances Hall, Asst. Director of the Board's Nutrition Research Dept.

Both revisions contain the same basic subject areas covered in the previous publications, but the information is presented in a style that's easier to read and understand.

The "Facts" folders may be purchased in quantity from: Communications Services Dept., National Live Stock and Meat Board, 36 S. Wabash Ave., Chicago, Illinois, 60603.

On Selecting Warm Coats

Heavy winter coats aren't always warm. Extension clothing specialists at Pennsylvania State University say that the weight of a coat doesn't really tell how warm it will be. The fiber content is the true clue to finding a warm coat.

Wool is the warmest fiber you can buy. Reprocessed wool is often used in boys' winter coats. That is, wool that was made into fabric but never used. So it is broken down again and rewoven. This means the fabric has a rougher texture, but it is just as warm as original wool fabric.

One-hundred per cent wool may be expensive, and it must be dry cleaned. These are two drawbacks to buying wool.

Acrylic fibers are next to wool in warmness. Sometimes it is woven and looks very much like wool. It may also be a pile. Modacrylic, as a pile fabric, is also warm.

The clothing specialists say sometimes a coat or jacket may look warm, but it won't be. Fibers that may look warm but really aren't include cotton, polyester and nylon. For example, a cotton corduroy jacket with a bulky polyester pile lining will not be as warm as it may look.

Let the fiber content on the label be your guide when selecting a warm winter coat. Then check to see how the coat is made. Will cold air come up the sleeves or are there knit cuffs to stop it? Is it open at the neck so air can get in there?

A really warm coat should keep out the air on even the coldest day, explain the clothing specialists.

In the Kitchen

LEMON SAUCE

½ cup sugar
1 tbsp. cornstarch
1 cup water
3 tbsps. butter or margarine
1 tsp. grated lemon rind
2 tbsps. lemon juice
⅛ tsp. salt

Mix sugar and cornstarch in small saucepan; stir in water. Cook, stirring constantly, until sauce is clear and thickened and comes to a boil. Stir in butter, lemon rind, lemon juice and salt Use sauce as a topping for apple fritters, etc

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P. L. Rohrer Cited

P. L. Rohrer & Bros., Inc., Smoketown, has been selected a participating dealer in the Ortho Golden Dealer Program, it was announed recently by Dr. Malcolm H. McVickar, director of agronomy of Chevron Chemical Company, Ortho Division.

P. L. Rohrer & Bros., one of six in the nation, was selected to participate in the program in recognition of the firm's overall excellence in service to its local agricultural community.

Dr. McVickar stated that Ortho Golden Dealers are singled out for recognition on the basis of competence of five basic business areas: sales, customer service, operations, finance and community leadership.

Willis Rohrer will be awarded a Golden Dealer award plaque and was named to participate in the 1972 Golden Dealer Advisory Panel Conference. The Conference, which was slated in San Francisco on February 8-9, is an annual two-day meeting of leading Ortho dealers. The agenda covered advance marketing and agronomic techniques. An annual awards banquet was held the night of February 9.

WASHINGTON REPORT

Congressman Edwin D. Eshleman

16th District—Pennsylvania

Ever since I came to Congress five years ago, the Vietnam issue has been foremost in my mind and the minds of nearly all Americans.

It is the issue which has torn at the national conscience, has caused us to question even our most sacred beliefs, but, above all, has divided the Nation into bitterly opposed camps which have been so distrustful of one another that they have found it difficult to even talk to each other.

During that period, I have supported two presidents as they have developed Vietnam policy. That support has not always been unqualified since I have believed from time to time that badly conceived policy was being pursued.

But, in general, I supported Presidents Johnson and Nixon because I felt that, rightly or wrongly, Congress had turned the authority for fighting the war over to the president and thereby had assumed a moral obligation to give him as much backing as possible

In addition, I have believed that the very fact that the burden of the war was placed squarely on the president's shoulders has meant that he has had the complete knowledge necessary to develop a responsible course of action in Southeast Asia.

President Nixon has justified my support by pursuing a policy that has been both responsible in terms of our commitments to our Asian allies and responsible in terms of public sentiment in this country. And recently, the president revealed that privately as well as publicly he has been willing to go the extra mile in seeking a lasting peace in Indochina.

The peace proposal that the president has offered our enemy places its stress on settling the problems that led to war and have kept the war going for far too long. It offers a peace that is fair to both sides in the conflict — fair in military terms and in the all important political terms.

The one thing that the president did not propose, but the thing that North Vietnam seems to want most, is for us to abandon not only the fight but our friends, too.

Our enemy would have us believe, and some of the president's critics seem to agree, that the road to peace is not through settlement, but through surrender. They want to continue the war until peace can be obtained on their terms. What they want is something akin to our obtaining peace with Hitler in World War II by handing over Great Britian to him.

The reason the president made known his eight point peace proposal was to try to get all of the American people to unify behind his policy Congress, in particular, should show that it is united behind the president's objectives.

It is tempting for some to make political points by continuing the divisions that have been a part of the Vietnam problem for so long.

But it should be obvious by now that politics is not the way to peace. The way to peace has been charted by President Nixon, and I, for one, am proud of my support of his policy

Ressler Heads Sequoia Riders

The officers elected to serve the Sequoia Riders for the year 1972, are the following:

President, Karen Ressler, vice president, Tracy Beyer; secretary, Tina Biesecker; treasurer, Brian Ressler; reporters, Carrie Hornafius and Debbie Dochterman.

The club will be planning an open horse show at the Lancaster Riding Club on June 18, and will include both English and Western classes

The club is also planning to have pony rides given to children in the spring.

The next meeting will be held February 15, at Fairview Farm and Stables, Elizabethtown RD1. Members are requested to bring their books and dues.

Those who are interested in more information about the club may attend any meeting or call any of the leaders: Mr. and Mrs Melvin Ressler, 367-2539 or Miss Peggy Easton, 944-9463.

Debbie Dochterman
News Reporter

Bollinger Heads Central 4-H Tractor

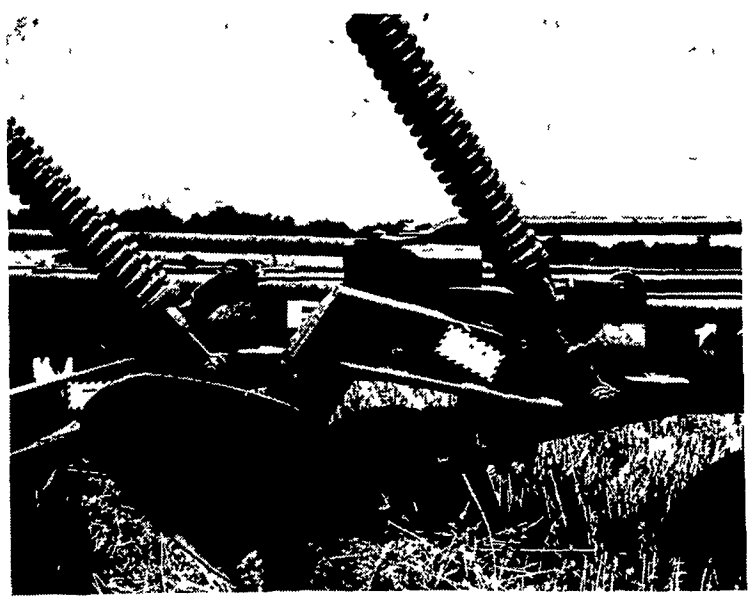
The second meeting of the Central 4-H Tractor Club was held February 8, at Landis Brothers, Inc., Manheim Pike, Lancaster.

Officers are as follows: Darryl Bollinger, president; Dennis Landis, vice president; Dudley Rohrer, secretary; Darwin Nissley, treasurer; Jere Swarr, news reporter.

Local leaders are Christ Brubaker Jr, Glenn Porter, and Richard Bonholtzer.

Dudley Rohrer and Jere Swarr were selected to give a demonstration at the next meeting to be held at 7:30 p.m. February 15 at Landis Brothers, Inc. Anyone interested will be able to join the Club at this time. Ages are 9 years to 19.

NEW FORD MOLD BOARD PLOW



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Beef Cattle Conference Set

A comprehensive Beef Cattle Conference will be held March 21, 22 and 23 at Pennsylvania State University.

Although the conference will emphasize purebred and commercial brood cow production systems, information will also pertain to finishing beef cattle systems. The conference will be held in the Meats Laboratory and the Beef-Sheep Center at University Park.

The program will include discussion of practices involved in establishing and maintaining pastures for profitable pasture and forage production. Methods of storing forages for wintering beef cows and calves will be discussed.

Other important topics will include maintaining herd health, calculating rations for different types of beef cattle, constructing and maintaining low cost and effective equipment and facilities, and a demonstration of certain beef cattle production skills.

Another section of the program will go into detailed discussions of methods of improving the inherited ability of cattle, and record keeping methods. A special feature will be an in-depth discussion of the merits of some of the new breeds recently introduced into the United States.

Another "special" will be a consideration of the controversial "optimum cow body size" question that recently has become extremely important in producing cattle.

According to Dr. Lowell L. Wilson, professor of animal science and chairman of the program, "this conference ties together many of the essentials of modernizing cow-calf production systems. The beef cattle business is changing rapidly. To efficiently use land through beef cattle, the producer must incorporate as many modern production practices as he possibly can."

In Pennsylvania, a state producing only approximately 25 per cent of the total beef consumed in the state, there is an opportunity to raise more beef cows. The conference March 21, 22, and 23 is designed to help develop this potential, he points out. County agents have further information regarding the conference.

When you scrub the bathtub, sprinkle cleanser in the tub. Take a moistened broom and use it to scrub. It will clean the tub and increase the life of the broom

Big Turnout Expected for Southeastern Dairy Meeting

Word has been received from the co-sponsors of this year's seventh annual Southeastern Dairy Conference to be held Tuesday, February 15 beginning at 9:30 a.m. at the Guernsey Barn on Route 30 east of Lancaster that plans are being made to accommodate more guests than every previously.

The Southeastern Dairy Conference which has always been sponsored by Allis-Chalmers, Curtiss Breeders Service, John W. Eshelman & Sons, New Holland Supply Company and Pennsylvania Power & Light Co. is rapidly becoming one of the leading dairymen's meetings in the area.

Normally, 500 of the area's outstanding dairymen and their families will attend to hear timely topics discussed by well-qualified speakers. Veterinarians, nutritionists and engineers will be included on the program.

The theme for this year's conference is "Challenge of the Future". The keynote speaker is exceptionally well-qualified to talk on these lines. Obie Snyder of Singing Brook Farm at Imler, Bedford County, operates his own herd of 150 Holsteins and is a director of the American Holstein Association. In 1970 he received the Progressive Breeder Award from this organization and in 1960 he received a National Farm Award for his outstanding work.

The sponsoring organizations hope that as many as possible will attend. All are invited. All in attendance will be eligible for door prizes that will be drawn throughout the day, and lunch will be served to all.

"There's a difference between good sound reasons and reasons that sound good."

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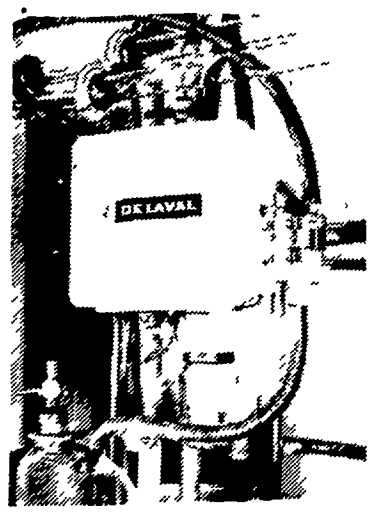

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★ Public Sales Register ★

SAT. FEB. 12- Public Sale of 1 tract of Valuable Real Estate and Antique Personal Property located 3 miles south of Morgantown, 4 miles east of Honey Brook on White School Road and Church Hill Road at Fontaine Station bordering the new Brandywine Creek Watershed in Chester County, Pa. Tract No 1-126 acre farm more or less with 2½ story stone house, 40x100 frame bank barn and other out buildings. Inspection of property Sat. Jan. 29 and Feb. 5 from 1 to 4 p m. or by calling Morgantown 215-286-5527. Sale at 12:30 P.M. Real Estate at 2 P.M. Terms by J. Harold Fisher, Hazel L. Riggins, F. C. White power of attorney for Etta W. Fisher. Robert Martin and Frank L Steller, Auctioneers.

SAT. FEB. 12- 11 A.M. Public Auction of Farm Equipment for the Esatate of Harvey & Helen Coleman at Ghestertown, Md. H. Rudnick & Sons, Auctioneer.

SAT FEB 12- 1 P.M. Horse Sale at Fauquier Livestock Exchange, Marshall, Va.

SAT. FEB. 12- 11 A.M. Public Sale of Farm Equipment, Straw and Corn located one mile north of Atglen, two miles south of Route 30, along the Atglen Road. Chester County, Pa. Terms by Charles S. Horst; Leroy Zook, Auctioneer.

SAT. FEB. 12- 11 A.M. Public Auction sale of JD Farm Equipment for the Estate of Harvey and Helen Coleman at Chestertown, Md. Harry Rudnick and Sons, Auctioneers of Galena, Md.

MON. FEB. 14- Horse Sale of 65 Head Kentucky and Tennessee Draft Horses and Mules at New Holland Sales Stables, New Holland, Pa. by Norman Kolb.

TUES. FEB. 15- 7:30 P.M. 49 Holstein Cows and Heifers for the Estate of Roger Miller at Galena, Md. H. Rudnick and Sons, Auctioneers of Galena, Md.

WED. FEB. 16- Tioga County Herd Dispersal at New Holland Sales Stables, New Holland, Pa. Consigned by Amos Whisler. Also at the same time consignments by Melvin Kolb, Marvin Eshleman, Gordon Fritz and Dale Hostetter.

THURS. FEB. 17- 11 A.M. Public Sale of 26 Head of Reg. and Grade Holstein cows, horses, farm equipment and some household goods located on Rt. 772, 1 mile north of Leola on the road to Brownstown, Pa. Sale by Harvey W. and Anna M. Martin. Frank Steller and Robert E. Martin, Auctioneers. Horses and cows to be sold at 1:30 P.M.

THURS FEB 17- 11 A M Public Sale of 26 Head of Reg and Grade Holstein cows, horses, farm equipment and some household goods located on Rt 772, 1 mile north of Leola on the road to Brownstown, Pa Sale by Harvey W and Anna M Martin Frank Steller and Robert E Martin, Auctioneers Horses and cows to be sold at 11 30 P M

SAT FEB 19- 11 A M - Public Sale of Household Goods, some Antiques and Tools at 2215 Hathway Road, Witmer, Pa Terms by Mabel D Landis and Martha D Landis Frank L Steller and Robert E Martin, Auctioneers

SAT FEB 19- 11 30 A M Public Sale of Full Line of Farm Equipment at Myers Lane Farm, 1 mile out of Christiana, Pa on West Broad St, 1 mile North of Rt 372 along William Run Road, 2½ miles South of Route 30 (Gap) Owner Frank W Myers, Linwood, Pa Carl Diller and J. Everett Kreider, Auctioneers

MON. FEB. 21- 1 P.M. Public Auction of Farm Machinery for the Estate of George B. Jones at Cecilton, Md. Harry Rudnick and Sons, Auctioneers of Galena, Md.

WED. FEB. 23- 11:30 A.M. Margin Stout, Jr. Complete Dispersal, Pittstown, N. J. Farm is located on N.J. Rte. 513 one and one-half miles west of Pittstown, N.J. 3 miles East of Everittstown and 6 miles S.W. of Clinton, N. J. Exit I-78 at Clinton onto Rte. 513. Sale by Margin Stout, Jr., Owner, Pittstown, N.J. R1, R. Austin Backus Inc., Sale Mgrs. and Auctioneers, Mexico, N. Y.

WED. FEB. 23 - Public Sale of farm machinery, equipment, hdwr., implements and supplies at our new place of business along Route 340, 2 miles East of Intercourse and 4 miles South of New Holland. Sale by Paul J Martin, Blue Ball, Pa.

THURS. FEB. 24- 12:30 P.M. Public Sale of Farm Machinery, 6 Bred Holstein Heifers, 5 Bulls, Corn and Mixed Hay located 3 miles southwest of Gap, 3 miles northwest of Christiana, Lancaster County, Pa. Terms by Frank W. Wallace; Leroy Zook, Auctioneer.

THURS. FEB. 24- 12:30 Noon Purebred Guernsey Sale at the Ass'n. Sales Pavilion, Lancaster, Pa. Sale Managed by Penna. Guernsey Breeders' Ass'n. P. O. Box 458, Camp Hill, Pa. 17011.

THURS FEB 24- 12 Noon Public Sale of Full Line of Farm Equipment located 1 mile west of Intercourse, Pa south of Rt 340, Lancaster County, next to Harvest Drive Motel Sale by Melvin L Groff, Gordonville, RD No 1, Pa Carl Diller and J Everett Kreider, Auctioneers

SAT. FEB. 26- 11 A.M. Public Auction of 8 International Tractors and Combines plus full line of Machinery, Bungay Hill Farm, Inc., at Rock Hall, Md. Harry Rudnick and Sons, Auctioneers of Galena, Md.

SAT. FEB. 26- Public Sale of Livestock, Farm Equipment, Hay, Straw, Corn and Grain along the road from the Quaker Meetinghouse to Smyrna, 8 miles east of Quarryville, 3 miles west of Christiana, Lancaster County, Pa. Machinery Sale at 10 A.M., Heifers Sale at 1:30 P.M. Terms by Steven Stoltzfus, Christiana RD, Pa.; Leroy Zook, Auctioneer, John M. Umble, Pedrigrees.

SAT FEB. 26 (snow date Feb. 28)- 10:30 A M. Machinery Auction at Reinholds, Lancaster County, Pa Terms by Jacob H. Gockley

SAT FEB 26- 12 Noon - Public Sale of Farm Implement and Household Goods on Irishtown Road, Gordonville, Pa Terms by John H. Burkhart. Frank L. Steller and Robert E. Martin, Auctioneers.

SAT. FEB. 26, 11 A.M. Public Sale of Farm Machinery and Household Goods located ½ mile west of Chestnut Level, along road from Chestnut Level to Liberty Square, 4 mile south of "The Buck", 16 mile south of Lancaster, off route 272. Terms by George F. Eager, Kreider and Diller, Auctioneers.

SAT FEB. 26- 10 A.M. Public Sale of Farm Machinery, Potato Equipment, Household Goods, and Antiques located near the Village of Cross Roads on Felton, R D No 1 across from Hershaull Park, in York Co, Pa Watch for arrows leading to sale Terms by Mr. & Mrs Wilson Hershner, owners Robert L Sechrist, auctioneer

TUES FEB. 29- Large herd of Dairy Cows and Farm Implements on Zook Lane at Zook's Corner between Eden and Leola

(Continued on Page 30)

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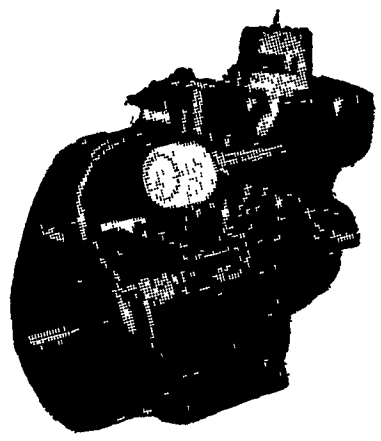

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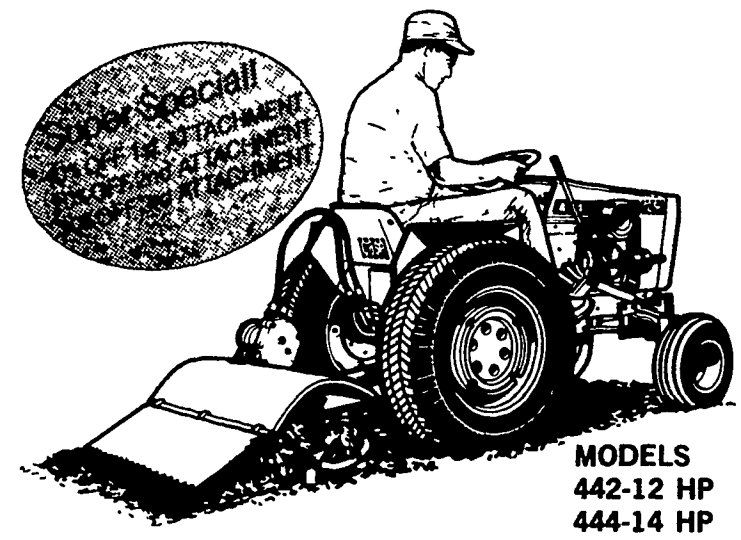

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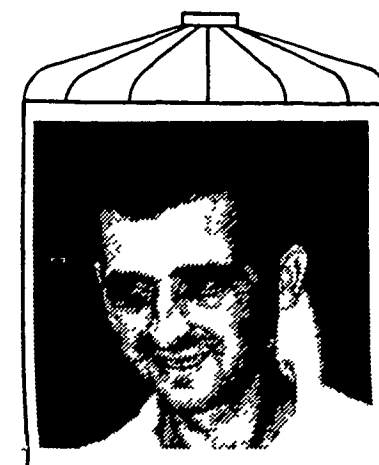

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1971 HARVESTORE DEALER OF THE YEAR

★ Public Sales Register ★

(Continued from Page 29)

Terms by John S Glick, Frank L. Steller and Robert E Martin, Auctioneers

WED. MARCH 1- Public Sale of Farm Equipment, Used Lumber, New Tools, etc., some Household goods and Antiques. located 3 miles west of Ephrata on Route 322, turn South on Woodcorner Road. ¼ mile to Zimmerman's Animal Health Supply. Sale by Elam Z. Zimmerman. John E. and Paul E. Martin, Auctioneers.

WED. MARCH 1- 11 A.M Public Sale of Farm Equipment, Hogs and Household Goods located between New Holland and Bareville off Rte. 23, ½ mile south on Peters Road. Terms by Harvey O. Nolt, Robert E. Martin and Frank L. Steller, Auctioneers.

THURS. MARCH 2- 11 A M. Public Sale of Farm Equipment and some household Goods located on the premises off Rte 501 Lexington, Lancaster Co., Pa Terms by Frank Seibel. Frank and Paul Snyder, Auctioneers.

THURS MARCH 2- Public Sale of Livestock, Farm Implements and Household Goods located in Leola, 1st farm south of H M Stauffer & Son on S Maple Ave Terms by Moses Beiler Frank L Steller and Robert E Martin, Auctioneers

FRI. MARCH 3- 9 A M. 10th Anniversary Sale located ½ mile North of Rte 23 in Leola on Maple Ave , Lancaster County Pa. Watch for Sale Sign Sale by David H Good; Frank and Paul Snyder, Auctioneers.

FRI MARCH 3- Large Holstein Dispersal located south of Oxford for Harvey Chase, Jr Diller and Kreider Auctioneers

SAT MARCH 4- 1 P.M Berks Counсy Pork Producers Association Spring Sale at Kutztown Fair Grounds, Kutztown, Pa

SAT MARCH 4- 12 Noon Public Sale of Farm Equipment located 3 miles North of Lebanon on Route 72 Sale by Aaron Martin, Jr , Rt 3 Lebanon Frank and Paul Snyder, Auctioneers

SAT MARCH 4- 12 Noon Public Sale of Farm Equipment located 3 miles North of Lebanon on Route 72 Sale by Aaron Martin, Jr , Rt 3 Lebanon Paul Snyder, Auctioneer

SAT MARCH 4- Farm Equipment Sale for Paul V Hess, near Mountville, Pa Diller and Kreider Auctioneers

SAT MARCH 4- Carpenter Dairy Dispersal in Northern Pennsylvania Details later Call auctioneers for further information Diller and Kreider, Auctioneers

SAT MARCH 4- Public Sale of Farm Implement and Livestock between Farmersville and Ephrata Terms by Isaac Z High Frank L Steller and Robert E Martin, Auctioneers

TUES MARCH 7- Public Sale of Livestock and Farm Implements just South of Heller's Church on Rt 772 between Leola and Witmer Terms by David B King. Frank L Steller and Robert E. Martin, Auctioneers

WED. MAR. 8 - Public sale of farm machinery, equipment, hdwr., implements and supplies

(Continued on Page 31)

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FRIDAY NIGHT, FEB. 18th
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Now farmers and dairymen, the time has come when for top production, you must cull your herds to get that production right up there where it pays. Make it pay, attend this sale where we will have the best set of Dairy cows that money can buy. They are all purchased first handed from farms where they were raised by some of the best judges of dairy cows in the business.

If you need a can of milk per day or 100 lbs. per day, we have the cows here for you. Just, by all means get to this sale. All cattle just fresh or close up springers and the quality is the best.

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SATURDAY, MARCH 4, 1972

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3-Point Hook-up Carrier, New Holland Rubber Tire Wagon, 16' Bed, 6-Ton, Corn Side and False Endgate; Electric Weld Rubber Tire Wagon, 16' Bed,

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Auctioneer's Note: All Machinery is in Extra Good condition. If you are in need of Machinery, don't miss this sale!

Sale at 12:00 Noon. Terms Cash

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Box 222 Emigsville, Pa. 17318
Phone: 717-764-6412

If you have machinery not suitable for your trade, bring it to our sale and turn it into ready cash. If you need machinery of any kind you will find it here at our sale.

We Welcome You as a Buyer, Seller or Visitor.

Public Sale

FULL LINE OF
FARM EQUIPMENT

1 Mile West of Intercourse, Pa. South of Rt. 340, Lancaster County, next to Harvest Drive Motel.

Thursday, February 24, 1972
12:00 Noon

Following Allis Chalmers Equipment:

A.C. D-19 Tractor (comfort cab), A.C. D-17 Tractor, Both completely overhauled, A.C. D-14 Tractor good condition (all are gas tractors).

(2) Forage Wagons, Hopper Blower, 2 sets of pipe, A.C. 780 Forage Harvester, 2-row Narrow head (Ex.), All-crop Disc Grain Drill, 2200 series Transport Disc (Ex.), A.C. 500 series 4-row Corn Planter with fertilizer attach., A.C. 4-row rear mounted cultivator, 4-bottom 16-inch Slat Bottom Plow.

NEW IDEA

2-row Narrow head Corn Picker (Ex.), Chattonooga Cultimulcher, New Holland Super 68 Hayliner Baler, 10-ft. Smoker Grain Bin w/chassis.

MAYRATH 40-FT.

Elevator w/5-H.P. Elect. Motor, 3 Farm Wagons (1 w/high sides), N.M. Model 325 Manure Spreader, Ontario 12-ft. Spring Tooth Harrow, Cunningham No. 7 Hay Conditioner, A.C. PTO Hay Rake and Tedder, McDeering Fertilizer Drill, Case Stalk Shredder, Farq 1-row Potato Digger, Potato Grader, Weeder. Mower mounting bracket for D-14 & D-17, Tire Chains for same.

75 TON EAR CORN
No Blight Damage

9 TON CHOICE BARLEY STRAW

Aerovent 36-inch Hay Fan w/5 H.P. Motor, Drier Duct. Cow Mats, S. S. Milk Strainer, Jamesway Stanchions, Water Bowls, Cow Trainers, Ensilage Cart. 1½ H.P. Baldor Elect. Motor (1750 RPM), Remote Hydraulic Ram, Electric Seeder, 500 Gal. Water Tank. New 6.50 x16, 7.00 x 15 tires.

Sale by
MELVIN L. GROFF
RD#1 Gordonville, Pa.
Phone 768-8821

AUCTS. CARL DILLER 464-2233
J. EVERETT KREIDER 284-4517
Lunch Available

Public Sale Register

PUBLIC SALE
OF HOLSTEIN DAIRY CATTLE AND FARM MACHINERY

Having sold my farm, I will sell at Public Auction my entire herd and farm machinery.

Saturday, Feb. 26, 1972 10:30 A.M.

Located between Old Conowingo Road and Connelly Road off Rtes. 1 and 222.

Auctioneers Note - Don't miss this sale. This is an outstanding herd of young High-Grade Holsteins. Milk records up to 70 to 75 lbs.

CATTLE - 55 HEAD HOLSTEIN DAIRY CATTLE

One of the best herds in Cecil County. This herd has breeding and production any farmer can use. 35 milk cows. Some fresh and close springing by day of sale. Balance in full flow of milk. 7 Bred Heifers and 13 open Heifers. Breeding dates and milk weights available. These cattle are almost all home raised.

FARM MACHINERY

Tractors- JD 2010, Case 630, Farmall 230, JD 420 crawler; Wagons- 2 grain wagons, 1 JD chuck wagon, Gehl wagon; JD rake, JD hay baler, 6 mos. old post hole digger, 3 pt. hookup; 2 disc harrows, semi-mtd. 3 bottom plow, 1 Anntory sprayer, almost new; hay wagon, JD elevator, electric and PTO; JD flail chopper No. 15, AC chopper, 2 pt. mower, snow blade, 2-row corn planter, 1954 Ford truck ½ ton, very low mileage; Case grain drill, New Idea manure spreader.

Approximately 3,000 bushels Corn
10,000 to 20,000 bales of Hay

Dairy Supplies- 1 vacuum pump, vacuum dumping station, 3 Surge milkers, buckets, strainers, etc.

DONALD WEAVER
OWNER
MOORE & KREIDER, AUCTIONEERS

Not responsible for accidents day of sale.
Church Women will serve lunch

PUBLIC SALE
FULL LINE OF FARM EQUIPMENT
AT MYERS LANE FARM

¾ mile out of Christiana, Pa. on West Broad St., 1 mile North of Rt. 372 along William Run Road. 2½ miles South of Route 30 (Gap).

Saturday, February 19, 1972
11:30 A.M.

4-TRACTORS

John Deere "2510" Diesel (900 hours) w-37 loader, hydraulic bucket w-72 inch snow bucket
J.D. Model "M" w-5 - foot mower
J.D. Model "B" w-cult. (good rubber)
J.D. "A" w-45 Loader

J.D. RWA Transport 28 Disc (used 2 years), J.D. No. 6 Chopper, J.D. No. 55 Blower, Pipe and Belt, J.D. "640" Rake (rubber teeth), J.D. 15 Disc Drill w-Seed Attach., J.D. 12 Fert. Drill, J.D. "32-B" Sprayer (used 2 years), J.D. "R" Manure Spreader, J.D. No. 5 Mower, J.D. No. 44 2 Bottom Plow, J.D. 12 ft. Harrow, J.D. Combine, 12A.

N.H. 67 Hayliner Baler, N.H. Flail Bar, Silage Wagon, Ruth 28 ft. Elevator, I.H.C. No. 33 Conditioner, Brillion Cultipacker, Post Hole Digger, Potato Plow, Wheelbarrow, Seeder, Cement Mixer.

20-Ton Clover, Alfalfa, 5-Ton Straw, 20-Ton Ear Corn, 350 Bu. Oats, 30 Feet of Silage in 12 Foot Silo.

1969 Dune Buggy - like new
Ford 1963, ½ Ton, 6 Cyl. Pick-up

Bob Sled, Sleigh, (2) Conestoga Wagons and Beds.
DeLaval No. 73 pump, 3 units, carrying pails, 14 milk cans, 8-can cooler, hot water heater, etc.

4 Rolls NEW Page Wire 3 Rolls Barb Wire

MISCELLANEOUS — Iron Kettle w-3 foot, Air Compressor, Bench Vise, Gringer, Saw-Buck.
Other items not mentioned, as this is the first sale held on this farm in many years.

Owner
FRANK W. MYERS
Linwood, Pa.

Carl Diller and J. Everett Kreider, Aucts.
Lunch by Compass School
Not Responsible For Accidents Day Of Sale.

(Continued from Page 30)

at our new location along Route 340, 2 miles East of Intercourse and 4 miles South of New Holland. Sale by Paul Z. Martin, Blue Ball, Pa.

WED. MARCH 8- 10 A.M. Complete Dispersal of 62 Head of Holsteins, and Farm Machinery located 7 mile South of Quarryville off Route 472 at Union, 6 mile North of Oxford. Terms by John P. and Anna W. Thompson. Everett Kreider and Carl Diller, Auctioneers.

FRI MARCH 10- 10 A.M. Layseretta Farm Complete Dispersal, Registered Holsteins and Farm Equipment located 5 miles north of Lebanon, Pa , 1½ miles South-East of Rt. No 22 Fredericksburg, off Rt No 343, 5 miles from Interstate 81. Cattle will be sold at 1 P.M Sale by Ned L and Josephine M. Layser, Jonestown, R.D. 2, Pa. Diller, Kreider and Buffenmyer, Auctioneers.

SAT. MARCH 11- 11:30 A.M. Public Sale of Late Model Farm Machinery and Cattle Truck located off Rt. 24, approx. 3 mile north of Stewartstown, Pa. near the village of Rinely, along Faraway Lane, in York Co., Pa. Sale by Frank S. Sweeney, Owner, Stewartstown, Pa. RD2, Robert L. Sechrist, auctioneer.

SAT. MARCH 11- 12 Noon Public Sale of Farm Machinery, Antiques and Household Goods located 1 mile west of Georgetown on Furnace Road. Terms by Alfred H. Erb.; Lloyd Kreider, Auctioneer.

WED. MARCH 15- 1 P M 150 acre Dairy Farm, located ¾ mile west of Christiana known as Frank Myers Farm Diller and Kreider, Auctioneers

THURS MAR 16- 11.30 A.M Public Sale of Full Line of Farm Equipment located 2 miles west of Millersville along Owl Bridge Road, Manor Twp. Watch for arrows Sale by Chester and Elsie Keeports, Carl Diller and J. Everett Kreider, Auctioneers.

FRI MARCH 17- Kemper Sexton Farm Equipment Sale east of Oxford, Pa Kreider and Diller, Auctioneers

SAT. MARCH 18- 10:30 A.M. Public Sale of Valuable Farm Machinery and Personal Property at RD12, Hellam Branch at Delroy turn at Helders Paint Store off East Prospect-York Road. Terms by William C. and Viola M. Buser; Jacob A. Gilbert, Auctioneer.

SAT MARCH 18- All Day Sale of *Farm Machinery and Holstein Dispersal, near Jersey Shore, Lycoming County, Pa* Sale by Anson Fisher Diller, Kreider and Fraley, Auctioneers

SAT MARCH 18- Russell F. Heilman & Son, 1 mile North of Cleona, 50th Anniversary Public Sale of Reg Holstein Cattle and Yorkshire Hogs Roy I Ebersole and Walter Dupes, Auctioneers

(Continued on Page 32)

BERKS COUNTY
PORK PRODUCERS ASSOCIATION SPRING SALE

KUTZTOWN FAIR GROUNDS KUTZTOWN, PA.
Sat. March 4-1:00 P.M.

50-HEAD-50
MEAT TYPE BREEDING STOCK
ALL BREEDS BRED GILTS - OPEN GILTS - SERVICE BOARS
Consigned By Eastern Pennsylvania's Top Breeders
Eligible To Ship Anywhere
FOR CATALOGUES CONTACT
EARL H. RABENOLD RD2 KUTZTOWN

Complete Dispersal

7 mile South of Quarryville off Route 472 at Union, 6 mile north of Oxford.

Wednesday, March 8, 1972
10:00 A.M.

62 Head of High Grade Holstein Dairy Cattle.

45 Milk cows incl. **1 reg. King Pin dau.** fresh (very nice).

17 Holstein heifers 1 due March bal. 8-12 mo. old.

17 fresh 2½ mo. prior to sale date Bal. throughout year.

2 Red & White Holsteins. 1 by Milk & Honey.

TB & Bangs Cert. Vacc. Charts Sale day
30 yrs. of A.B.C. breeding.

This dairy very worthy of your attendance because of quality and production.

Sale under heated tent.

Allis Chalmers 170 fully eq. 3 yrs. old. A.C. 3 bottom 16 in. plow (trip), John Deere 3010 diesel w/water heater fully equipped, J.D. F125 3 bottom 16 in. plow (trip), Massey Ferguson 35 w/loader hyd. fork & dirt scoop, A.C. 28 disc transport and 10 ft. Brillion cult. (both 1 year), Case 9 ft. spring harrow, Oliver 28 disc.

New Idea 702 Uni. V6 diesel w/3 row 30 in. corn head pick or shell and Combine head. (2 yr. very good).

4 bin wagons, M.F. #12 baler w/thrower, N.H. 3 pt. mower 7 ft. w/crimper hitch, 2 rakes J.D. & Farmhand 5 wheel rake, N.H. 36 ft. elevator w/swivel end for corn & bale chute (good), **3 bale thrower wagons** 2 AC Chassis and Grove beds 1 David Bradley, 2 flat bed wagons, 2 drills Ontario 16 disc & IHC 13 disc, J.D. 10 ft. fert. drill w/seed attachment.

20 Foot Corn Silage from a 20 ft. silo w/pro-cil. May use unloader.

App. 36 ton Ear Corn, 15 ton hay, 8 ton straw.

Little giant drag elevator, 6 ft A.C. rotary mower (trailer), M F. 6 ft. 3 pt. drag, Ferguson 3 pt. cultivator. Century Sprayer 8 row high pressure pump, 3 pt. subsoiler, Papec 16 in. silo filler, 180 amp. Forney welder, 12 KW Wind Par generator (2 yrs. old), 21 ft. metal hay rack, mineral feeder, 275 gal. fuel tank on skids, 100 gal. fuel tank to carry on pickup, 40 ft. ex. ladder, 2 bu. alfalfa seed, seed rye, 100—12 in. block.

Milk tank washer, dumping station, 4 Universal milkers used with straps, 2 new outside waterers, 75 ft. endless belt, stantion jacks, Stewart clippers, fogger forks, chains shovels and many other articles not mentioned.

Few Household goods to be sold at 10:00 o'clock.

Terms by,
John P. and Anna W. Thompson

Everett Kreider & Carl Diller Aucts.

Farm has been sold makes this sale necessary.

Lunch furnished.

• MORE MILK • MORE MEAT • MORE PROFIT
WITH
MADISON SILOS

• Feed high-quality, nutritious, corn and grass silage all year for more milk, more meat and more profit
• Low original cost
• Low upkeep cost
• More than 60,000 Madison Silos in use

Madison Silos
Div. Martin Marietta Corp.
1070 Steinmetz Rd.
Ephrata, Penna. 17522
Ph. 733-1266

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Quarryville 548-2116

Landis Bros. Inc.
Lancaster 393-3906

Carl L. Shirk
Lebanon 867-3741

Sollenberger Farm Supply
Centerport, Pa.
Ph. 215-926-7671

But Chemical Companies Change, Too

Hen Research May Help Stop Brittle Bone Condition in People

Hyperacidity is usually thought of as a condition of the stomach.

But bone can get the "blahs" as well.

A high level of acidity in bone has been found to be associated with a high level of bone destruction. This can result in porosity, brittleness, and ultimately a proneness to fractures.

Dr. Werner J. Mueller, professor of Poultry Science at Pennsylvania State University, determined the critical influence of acid through research on chickens. He has been working on the calcium metabolism of the laying hen for some dozen years, under support of the Pennsylvania Agricultural Experiment Station and the National Institutes of Health.

"Contrary to popular belief, bone is not a permanent, static material. It is constantly undergoing destruction and replacement. This process is quite slow in humans but quite rapid in the laying hen, which therefore serves as an excellent model for research."

The new findings have implications for the diagnosis and treatment of human bone diseases, but only as they are confirmed by experiemnts on human beings.

The bone of young people is constantly replacing itself and there is a delicate balance between the processes of bone formation and destruction.

But in older people — and particularly in women — bone destruction often exceeds replacement. This can lead to a condition known as osteoporosis; literally, porous bone. After menopause, women have a proneness to bone fractures and to defects of the spine caused by collapse of certain vertebrae.

That acid plays a large part in dissolving bone mineral has previously only been shown in test-tube (in vitro) experiments but has not been confirmed in tests with living animals.

"Acid — and we believe it to be carbonic acid — apparently helps leach out or dissolve the bone mineral in laying hens. The bone itself — with the help of an enzyme (carbonic anhydrase) — produces the excess acid as blood passes through it. This 'hyperacidity' can be reduced or prevented by the introduction of a chemical that inhibits this enzyme.

"We have experimental evidence that this inhibitor works in chickens to keep bone destruction down. We can say nothing about its possible effects in human beings until clinical tests are undertaken."

Bone brittleness from porosity is also related to exercise, Mueller points out.

Formerly, hens confined to one a cage developed a form of osteoporosis. They grew fatigued and ultimately could not walk.

When poultrymen began housing three birds in a cage, the bone disease virtually disappeared, possibly because exercise was stimulated.

Astronauts, even three together, are still prone to the "bird in a cage" syndrome. They can lose considerable amounts of bone mineral during prolonged weightlessness. This is one reason that a regimen of exercise is insisted upon by NASA for every space traveller.

People who must remain in bed for long periods of time are also subject to bone loss and possible fractures.

Mueller emphasizes that it is not known why bone porosity increases in some people and at certain advanced ages. "We are far from suggesting a cure for osteoporosis in man, though we feel that our research on the laying hen is apparently pointing in the right direction."

U.S. Farm Debt Continues Up

Farm mortgage debt totaled an estimated $30.7 billion on January 1, 1972, some $1.2 billion higher than a year earlier, according to a report recently by the U. S. Department of Agriculture.

The report by USDA's Economic Research Service gives that latest available data on farm mortgage debt by type of lender and geographic region.

Debt rose 4.0 per cent during 1971, compared with 4 0 and 4.7 per cent during 1970 and 1969, respectively The rate of increase in the debt has been declining since 1964, when it rose 12.4 per cent.

At the start of 1971, Federal land banks held 24 per cent of the total debt, life insurance companies 19 per cent, commerical bank 15 per cent, the Farmers Home Administration 1 per cent, and miscellaneous lenders 41 per cent.

During the last decade, the share held by Federal land banks and commerical banks has increased, while the percentage of debt held by the Farmers Home Administration and life insurance companies waned.

Interest rates charged by life insurance companies on new farm mortgage loans averaged 8.6 per cent during 1971's first half, compared with 9.3 per cent a year earlier. Rates charged by the 12 Federal land banks averaged 8.01 per cent during the first half of 1971, compared with 8 69 per cent a year earlier. The average rate on life insurance commitments during 1971's third quarter averaged 8.45 per cent.

A copy of "Farm Mortgage Debt", FMD-10, is available free on postcard (please include zipcode) or telephone (388-7255) request from Division of Information, Office of Management Services, U. S. Department of Agriculture, Washington, D. C. 20250.

Public Sale Register

(Continued from Page 31)

WED MAR 22 - Public Sale of farm machinery, equipment, hdwr , implements and supplies at our new place of business along Route 340, 2 miles East of Intercourse and 4 miles South of *New Holland. Sale by Paul Z Martin, Blue Ball, Pa.*

THURS MARCH 23- Registered Holstein Dispersal located just off Rte 30 near Leaman Place Sale by Elmer N Hershey Diller and Kreider, Auctioneers

SAT MARCH 25- Public Sale of Farm Implements and Household Goods just east of Guernsey Bar, Lincoln Highway East, 5 miles East of Lancaster Terms by David Witmer Frank L Steller and Robert E Martin Auctioneers

SAT MARCH 25- Andrew Berkins Estate Sale located south of The Buck just off Rt 272 Diller and Kreider, Auctioneers

FRI & SAT APRIL 7 & 8- 2 Day Antique Sale for Miriam and Florence Breckbill in the Village of Willow Street, Pa. Diller and Kreider, Auctioneers

SAT APRIL 8- 10 A.M. 4th annual public sale of Rawlinsville Fire Co. Farm Implements, Household Goods and Antiques. Items sold on commission. Food Served. Robert Althouse, Chairman, Holtwood R.D. 2, Phone 284-4530.

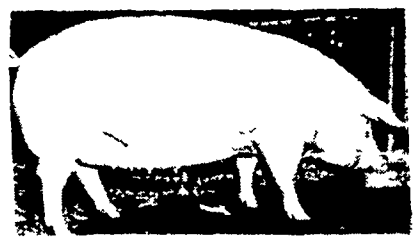
★FARM
★ANIMAL
★EQUIPMENT
AUCTION SALE

FREE!

Your sale can be listed in our Sales Register without charge. Just mail details to Lancaster Farming, P O. Box 266, Lititz, Pa. 17543

PENNSYLVANIA LANDRACE ASSOCIATION

STATE SHOW and SALE



"THE GREAT WHITE BREED"

LANDRACE TRADE MARKS

Saturday, Feb. 26, 1972
Show: 9:00 A.M.
Sale 1:00 P.M.
Location: Pennsylvania Farm Show Building
Harrisburg, Pennsylvania

- - 50 HEAD - -
BRED GILTS —
OPEN GILTS — BOARS

The original lean meat breed.
The world's best mothers.
More capacity to produce.
An asset to any herd.

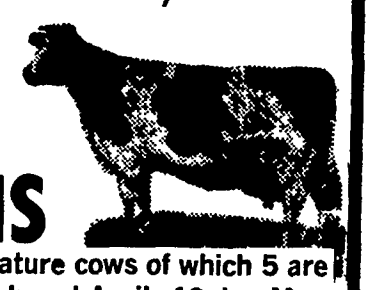
For catalog write to: JAY D. BLATT, Secretary
PENNSYLVANIA LANDRACE ASSOCIATION
R2, Annville, Pennsylvania 17003

TIOGA COUNTY HERD DISPERSAL

AT NEW HOLLAND SALES STABLES
NEW HOLLAND, PA.

WEDNESDAY, FEB. 16, 1972

38 HEAD HOLSTEINS



This herd consists of 29 mature cows of which 5 are fresh, 19 due February, March and April; 10 due May, June and July; 3 open Heifers. Tested last 30 days.

CONSIGNED BY AMOS WHISLER

Also Selling

1 load Canadian and Franklin Co. cows for Melvin Kolb and Marvin Eshleman.
1 load Vermont cows for Gordon Fritz.
1 load Wisconsin cows for Dale Hostetter.

HORSE SALE

Monday, February 14, 1972
AT NEW HOLLAND SALES STABLES
NEW HOLLAND, PA.

65 HEAD KENTUCKY & TENNESSEE
DRAFT HORSES
AND
MULES

30 Head Mules ages 3 to 4 years old.
Special Mention - Several Mated Sorrel Teams.

1 pair 4 yr. old black mare mules with white markings.

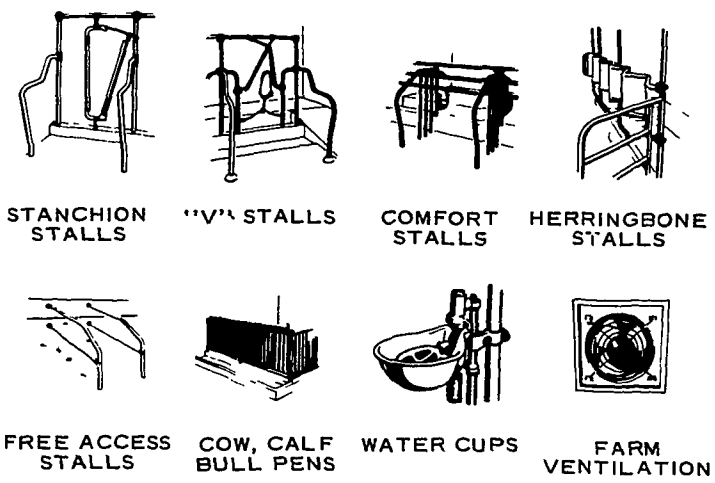
1 pair 7 yr. old black mare mules with white markings.

If you are in need of mules and draft horses, don't miss this sale.

CONSIGNED BY
NORMAN KOLB

JAMESWAY

Cow Comfort Barn Equipment



STANCHION STALLS | "V" STALLS | COMFORT STALLS | HERRINGBONE STALLS

FREE ACCESS STALLS | COW, CALF BULL PENS | WATER CUPS | FARM VENTILATION

Quality-Built to Last and Last

* Plus Free Planning Help
* Automatic Parlor Feeding
* All-Season Ventilation Systems

Stop In Today for Free Catalog.

YOU CAN COUNT ON US

CALL US FOR PRICES ON INSTALLATION

HENRY S. LAPP

R. D. 1 GAP, PENNA. ALONG RT. 340
PHONE: (717) 442-8134

Pa. Vegetable Production Must Be Mechanized, Researcher Says

The Pennsylvania vegetable industry faces a grim future unless it mechanizes its operations to improve efficiency, Dr. August E. Kehr, administrator of the Plant Science Research Division, U.S. Department of Agriculture, declared at University Park, Pa., February 7.

Keynote speaker at the annual Vegetable Conference held on the Pennsylvania State University main campus, Dr. Kehr pointed out that there is still much of our vegetable crop that is planted, cultivated, and harvested by following old traditional methods. All things point to the fact that these methods will not provide adequate profits in future years.

"Although grain farmers have improved their efficiency several-fold, vegetable growers, with the exception of those in California, are not moving toward full-scale mechanization," the federal research administrator said. "With the double squeeze of competition from abroad and unionization in the industry at home, no one needs to point out that adjustments are necessary."

Another problem vegetable growers must cope with, Dr. Kehr emphasized, is annual losses from pests which represents up to 30 per cent of the crop. Although research and technology have been effective in lowering these losses, the problem remains because pests, being biological entities, mutate and change in response to most of the controls man can devise.

New methods and techniques, not yet dreamed of, will continue to come from research of agricultural colleges and experiment stations, he noted. Vegetables, being foods used entirely for human consumption, will always be subject to close scrutiny in regard to pesticide tolerances, and we will need to couple safe chemical controls with biological ones.

"Vegetables represent one of the major farm crops in the United States and ranked fourth in farm value in 1969," Dr. Kehr said.

The per capita consumption of vegetables has remained constant at about 200 pounds per year for several decades. A slight overproduction results in marked price declines, while an even slighter under production sends prices upward, at least for the consumer.

Dr. Kehr emphasized that, in spite of industry problems, the land area devoted to vegetable production has decreased, yet production has increased. This change, he pointed out, has resulted largely because vegetables are being grown in areas where high yields can be obtained.

NOTICE

AUCTIONEERS!

We print sale bills.

Call 394-3047 for price.

USDA, FDA Agree on Egg Products Act Enforcement

The U. S. Department of Agriculture and the Food and Drug Administration of the Department of Health, Education and Welfare, in a memorandum of understanding, have agreed on their respective areas of responsibility in administering the Egg Production Inspection Act.

The Act (Public Law 91-597) provides for mandatory inspection of egg products and control over disposition of "restricted" shell eggs. It also provides for uniformity of standards and grades for eggs shipped in interstate commerce.

The first phase of the Act, which deals with egg products, went into effect last July 1. The second phase, dealing with requirements for shell eggs, will go into effect July 1,1972.

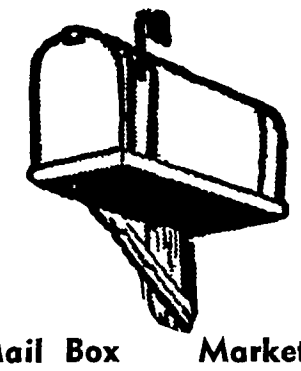
The two agencies have agreed that USDA will have exclusive jurisdiction over the inspection of egg products and will be responsible for checking egg producers, egg packers, and hatcheries to make sure that eggs moving into consumer channels meet requirements for U. S. Grade B or better.

FDA, in turn, will have exclusive jurisdiction over restaurants, institutions, food manufacturing plants, and similar establishments that break and serve shell eggs or use them in their products.

FDA will make sure, among other things, that the eggs used do not contain more "restricted" eggs than are allowed, under USDA standards, in U. S. Consumer Grade B eggs. "Restricted" eggs are defined by the Act as checks, dirties, incubator rejects, inedibles, leakers, or loss eggs.

Each agency has also agreed to provide the other with any information that would help in carrying out its responsibilities under the Act.

The memorandum of agreement between USDA and FDA was slated to be published in the Federal Register on February 4.



Mail Box Market

For Sale - Wheat and Barley straw. Also would like to buy 4 bottom semimounted 16 inch plow. Phone 717-927-6580.

For Sale - Ear Corn, $43. per ton. Phone 653-5710

For Sale - 6 hole Star hog feeder, good condition; Also 5 Kero-Gas Brooder stoves. Phone 665-4329.

Wanted to Rent - 10 to 15 acres more or less of pasture for beef cattle. Christian K. Miller, Box 350, Strasburg RD1, Pa.

For Sale - Milk Cans. Henry S. Fisher II, Paradise, Pa., Black Horse Road.

Mail Box Market

For Sale - John Deere 1010 Row Crop tractor, new condition, Farmhand loader, front-rear cultivator, hydraulic cylinder, Narrow gauge wagon; John Deere 246 corn planter. Phone 656-6906

For Sale - Used Poultry Equipment-Fans, feeders, nests, waterers, etc. Make offer. Phone 1-717-529-2601 or 529-2126

For Sale - 20 bred Gilts due Feb. and March, 3 service age boars, all Yorkshire-Cross; 1st, 2nd and 3rd cutting alfalfa and mixed hay, no rain; Corn fed capons, no medication, alive or dressed, 40c to 65c per lb. Large brown fertile eggs. Amos K Beiler, RD3, Quarryville, Strasburg South to Mount Eden Church, 1st road, 2nd farm.

For Sale - Win Power 12,000 watts generator with outlet box for 110 or 220 volts, never used, $450. Phone 626-7414

For Sale - Holstein Heifer with calf $250. Two Duroc Service Boars. Rodger Bankert, Hanover RD3, Phone 637-2932.

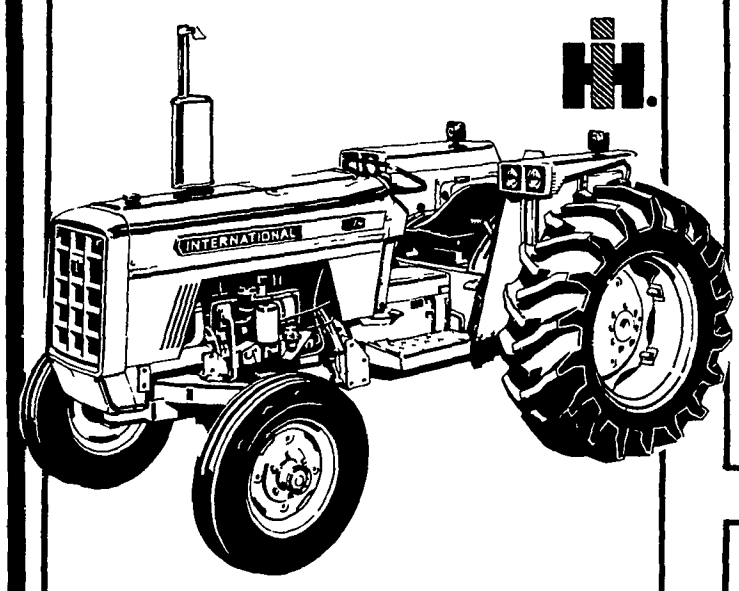
For Sale - Wheat straw, bright at barn $35.00 ton, 59 used cultipacker wheels size 1 ¾ shaft 14 inches high, good $1.25 each. Marvin C. Wrigley, Cochranville, Pa 19330, Phone 215-869-9267.

Will bake pies, bread or buns on order. For Sale - Combine cupboard, chicken equipment-nests, feeders and roosts. Samuel K. Lapp, 96 Glen Brook Road, Leola, Pa. 17540.

For Sale - 16 ft Dion Forage box with New Idea 7 ton running gear with folation tires. New Holland 404 crusher. Both in A-1 condition. Phone 367-6064

(Continued on Page 34)

CALL Elmer Beiler



LET US DEMONSTRATE THE 574 OR 454 TRACTOR WITH MANURE LOADER ON YOUR FARM.

CALL Bob or Les

USED EQUIPMENT

International 1206 Diesel Tractor
International 806 Diesel Tractor
John Deere 3020 Diesel Tractor
Farmall 504 Tractor
Farmall 200 Gas Tractor
John Deere A Tractor
Massey Ferguson 65 Diesel Tractor
Farmall Cub
AC 6 row No-Till Planter 1 yr. old
Oliver 6 row No-Till Planter
Oliver 8 row Planter, 1 yr. old
John Deere 494A 4 row Planter (like new)
2 row NI Corn Picker
No. 46 Baler w-thrower
John Deere 2 row Planter
IH 2 pt., 2 row Planter

CALL Henry Esh

For Sales — Service — Parts

+ Used 7½ H.P. Slow Speed Lister Engine Like New Special Price
+ New 7½ H.P. Slow Speed
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+ New Quincy Air Compressors
+ New Listers with Lima Generators
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+ Ask us about our new Automatic Control For Starter and Low Oil Protection.

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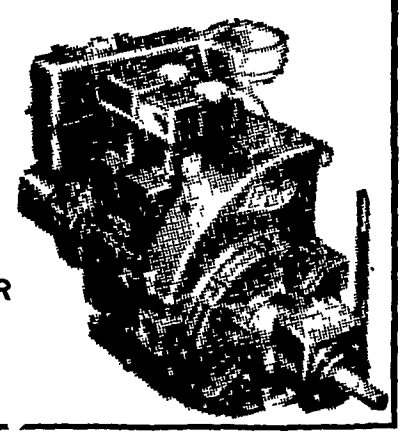

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MENS BOOTS RUBBERS

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New Model Klenzate Bulk Tank Washer, 1500 series
500 Gal. ESCO Bulk Milk Tank M.C.D. 1-N.Y.
500 Gal. Girton
300 Gal. Girton
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WEAVERLINE FEED CART AND LANCASTER SILOS
RYDER BARN EQUIPMENT

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON

Intercourse, Penn. Phone 768-8231

Farm Equipment

M. F. 135 gas, power steering, new paint
Case 530 gas, tricycle, sharp
Int. 424 gas, power steering new paint
Ford 601 workmaster with loader, local
Case 930 CK standard w-cab, Amish tractor
A. C. D17 diesel, series IV, 3 pt. original
A. C. D21 diesel, 3 pt, cab, good
M. M. G706 diesel, 4 wheel drive w-cab, clean
Ford 5000 diesel, power steering, 8 speed, turbo, good
Oliver 88 diesel, hydralic, weights, honest looking
A. C. WD45 gas, power steering real sharp
J. D. 630 gas, 3 pt. power steering, ready for the field
M. M. U, work horse, solid
J. D. 70 diesel, power steering, honest
J. D. G. good
Farmall Super M, widefront, original
J. D. 630, 3 pt. power steering, clean
Farmall Cub w-mott mower, excellent
Farmall Cub w-mott mower, good
Oliver Super 88 D w-power steering, honest
Farmall 806 diesel, weights, cab, turbo, excellent
Oliver Super 88 diesel, good

SPECIAL NOTICE: These are all hand selected tractors chosen by our own experts, Quality is of the most importance to our firm. This is the cleanest and largest selection of tractors and equipment east of the Mississippi River ! ! ! Interest-free terms until spring of 1972 on tractors and major machinery. We also handle thousands of used parts for all makes and models of farm and light industrial tractors and machinery, please give our parts man a call. If you need something not listed, please call, there is a good chance that we have it, we also take trade-ins. Delivery *Available. We service our machinery before it comes to* you.

Oliver 1850 diesel widefront, cab, excellent
Int. 606 diesel, power steering, utility, original
Farmall 656 diesel, Hydrostatic, 100 hours, widefront, excellent
A. C. D14 gas, local
D B. 990, 12 speed, power steering, local
Farmall 806 diesel widefront with loader, excellent
Farmall 806 gas, widefront, cab, good
Case 830 diesel, power steering, new overhaul, solid
Case 900 diesel, standard, Amish Tractor
Int. 2656, industrial with loader and 3 pt., Schuttle
Farmall Super MTA, gas new paint, new tires
J. D. 2510 gas, low hours excellent
Farmall cub with plow, cult, planter, good
J. D. 720 diesel with power steering, 3 pts. origional
J. D. 435 diesel G. M. C. motor, new paint
Oliver 1850 gas, big tires, solid
Ford 601, workmaster, clean
M. F. 180 diesel, wide front, multipower, original
D. B. 990 powersteering, 12 speed weights, low hours, sharp
Oliver 1850 diesel widefront, original
M. H. 44 w-318 Chrysler V8 motor, real hot
J. D. 4020 diesel, widefront, turbo, clean
J. D. 2510 diesel, 1600 hours, sharp
Ford 641 gas, power steering, bumper, pretty
A. C. 170 diesel, widefront, power steering, good
J. D. 4020 diesel, widefront, 18.4 x 34 tires, honest
J. D. 60, 3 pt., power steering, original
A. C. D17 gas, power steering, excellent
Farmall 400 gas, fast hitch, power steering, clean
J. D. 4020 diesel, differential lock, 18.4 x 34 tires, sharp
J. D. 730 gas, 3 pt. power steering, sharp
Farmall 450 gas, fast hitch, power steering, original

Farm Equipment

Farmall Cub lowboy w-Int. rotary mower, 1967 model
Oliver 1950 T. widefront, sharp
A. C. D19 diesel, power steering turbo, widefront, good
A. C. D19 diesel, power steering, turbo, widefront, 3 pt., real clean
M. F. 110 diesel widefront, multipower, weights, sharp
M. M. M5D, power steering, live P. T. O. pretty
A. C. D15 gas, widefront, power steering, loader, hyd. bucket, honest
M. F. 65 diesel, power steering, loader, good
J. D. 530, power steering 3 pt. loader, local
A. C. C with hydralic, local
Oliver Super 77 diesel w-hydraulic, local
9N Ford w-stepup and loader, local
8N Ford, lawn tires, sharp
J. D. A, local
J. D. 710 diesel, power steering, 3 pt. real sharp
Farmall Super A. original
M. M. 670 diesel, widefront, powersteering, excellent
J. D. 520, power steering, 3 pt., w-J. D. 45 loader, good
M. H. 44 gas, w-6 cyl. motor, local
8N Ford w-Industrial loader, good
Farmall cub w-hydraulic, clean
Ford 8N w-Industrial loader, honest
Farmall 450 diesel, Fast hitch, power steering, sharp
Farmall Super A, good
J. D. 3020 diesel, power shift, widefront, clean
Oliver 1550 diesel, widefront, real sharp
Ford 871 w-loader, power steering selectospeed, good good, good
M. F. 35 gas w-loader, power steering, original
M. M. G 1000 diesel 23.1 x 34 tires, widefront, local
Ford 860 gas, live P. T. O., local new paint
J. D. 60, power steering, local
Case 730 CK diesel widefront, weights, pretty
J. D. 2510 diesel, widefront, good
Oliver 1650 diesel, new motor, widefront, new tires, excellent
D. B. 1200 diesel 12 speed, power steering, 1100 hours, almost new
J. D. 4020 diesel, widefront, 18.4 x 34 tires, good
Farmall 460 gas, power steering, fast hitch, local
Ford 641, original, bumper, clean clean
M. F. 135 gas, live P. T. O., power steering, 251 hours, like new
Farmall 560 diesel, power steering, fast hitch, original
J. D. 2010 gas, power steering, local
Ford 951, powersteering, live P. T. O., local trade-in
Ford 641, new paint, good
Case 530, diesel, late model, power steering, low hours, local
J. D. 3020 diesel, weights, differential lock, sharp
M. M. G 1000 Vista, 1969, 1300 hours, weights excellent
A. C. D12, Live P. T. O. bumper, good
D. B. 1200, 110 hours, 12 speed, power steering, like new
Farmall 706 diesel, big tires solid
Farmall 706 gas, big tires, honest looking
Oliver 1800 gas C series, local
Farmall 460 gas, fast hitch, power steering, clean
J. D. 2510 gas, differential lock, weights, original
Farmall 560 gas, fast hitch, power steering, sharp
J. D. 620 gas, power steering, 3 pt. original
Farmall 400 gas, widefront, power steering, pretty
Case 930 CK diesel, standard, Amish Tractor
Case 930 CK diesel, widefront, weights, 3 pt. will suit
Ford 5000 diesel, 8 speed, power steering, original
Farmall 560 gas, power steering, fast hitch, clean
D. B. 990 diesel, power steering, weights low hours, ready for work
Farmall 706 diesel, nice as can be
Farmall 706 gas, widefront, honest looking
Oliver 1850 diesel, widefront, original
Ford 6000 diesel, commander, late style widefront, good

Farm Equipment

J. D. 2020 diesel, utility, power steering, hard to find
Farmall Super M, new paint, live P. T. O., local
New Ford 5000 diesel w-cab, widefront, 2 hours
J. D. 4020 diesel widefront 1968 model, 1100 differential lock
Farmall 560 diesel, fast hitch, power steering new paint
Oliver 2150, cab, 383 hours, demonstrator, excellent
Case 930 CK diesel, widefront, cab, weights, creme puff
A. C. D17 gas, power steering widefront, local
J. D. 4010 diesel, widefront, real clean
A. C. WD45, power steering, sharp
J. D. 3010 gas, weights, original

WENGERS' FARM MACHINERY, INC.
SOUTH RACE STREET
MYERSTOWN,
PENNSYLVANIA
Phone 717 866-2138

"REMEMBER, IF YOU'VE ALREADY BOUGHT WE BOTH LOST"

Mail Box Market

(Continued from Page 33)

For Sale - Standard Bred buggy or carriage horse, Sound. Stephen L. Beiler, Christiana RD 1, ½ mile East of Kirkwood, Pa.

For Sale - Chore-Time Automatic feeder, 3 lines, 10 brooder stoves, 4 waterers, each 90 foot long. 5,000 Ready-to-Lay Pullets. Phone Lititz 626-8257.

For Sale - Clover Seed, $35.00 per bushel. Harry M. Reiff, 101 Glen Brook Road, Leola, Pa.

Wants to Buy - A used Grinder Mixer, preferring one with feed blower or would buy a blower seperate. Phone 445-4265.

For Sale - 1 set of tractor tires size 12.4x38 on rims, good tread. Joseph W. Oberholtzer, 151 Graybill Road, Leola, Pa. 17540.

For Sale - Cedar Fence posts. Phone 445-2869.

For Sale - 1962 Chevrolet ½ ton pickup with fleet sides. Phone 733-7541

For Sale - Solid black Morgan weanling colt with ½ papers. Will mature at 14 to 14.1 hands. Price $125. at farm. Skeet Loncosky, Rt. 3, Danville, Pa. 17821. Phone 717-437-2368.

For Sale - 26" topper for pickup truck; 10" Radial arm saw, like new. Phone 626-8065

For Sale - Heavy duty grain crimper, ideal for high moisture grain, $100. Call 733-7098

For Sale - Straw, $35.00 per ton at barn. Phone 548-2285.

For Sale - Bearcat Hammer Mill $50.; McCormick corn binder $25.; Also 2 row tobacco planter, working condition free. Phone 215-267-2459

For Sale - 300 bushels wheat. Phone 626-4191

FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 25 words; All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.

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Pickup Camper Caps.
1969 Chev. V Tag Truck w-16 ft. Steel bed & winch, A-1 condition.
24 ft. Steel Truckbed.
Farmall Cub, hand lift w-cult. $565.
Case 400 Diesel Tractor, Standard. w-belt pulley, PTO hydraulic, in good cond. 51 H.P.
ELWOOD FLOWERS
Manheim RD2, Pa.
Phone 653-4839

Miscellaneous

WOOD SHAVINGS. Ideal for work-ways and bedding. $12 per ton. Can be delivered in bulk loads of 10-12 tons. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co. Inc. Ph. 717-656-6811.

Feed & Seed

For Sale - Alfalfa Hay at my barn - U-haul. Phone 768-8248, 8 to 5, week days only.

For Rent

FARM FOR RENT
Mifflin County: Dairy farm with 115 acres of tillable limestone soil (518 acres total), loose housing and double 4 milking parlor, 2 silos with unloaders, 50 foot bunk feeder, 4 bedroom house with bath and electric heat. Call 1-717-899-6269.

Home Services

Home-Fix. All Repairs. Free bids. Call 786-7632

Feed

For Sale - Hay and Straw. Call 786-3215.

Local Classified Advertising Rates

Use This Handy Chart To Figure Your Cost

Words	(1) Issue	(3) Issues
14 or Less	$1.00	$2.40
15	1.05	2.52
16	1 12	2.69
17	1.19	2.86
18	1.26	3.03
19	1.33	3.20
20	1.40	3.36

Call 394-3047 or 626-2191 to place your classified ad.

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Speedy Corn Cribs.
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Door Prizes-Refreshments
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To give away - Young male Collie, loves children, unable to keep him in apt. Will give away free to good home on farm or in the country. Call 394-3834.

Farm Income Tax Returns prepared in the convenience of your home. Call Charles. Phone 426-3684

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Married man with helper for dairy and general farm work, experience, $600. per month, home, heat, electric, vacation and privileges. Phone 717-786-3936.

2 men preferably with some knowledge of farming. 1 maybe parttime. Work with fast growing company, yet be independent. No age limit. Not a dealership. No investment. POTENTIAL for the right man. Write P.O. Box A, c-o Lancaster Farming, 22 E. Main St., Lititz, Pa. 17543.

Help wanted on modern dairy farm. Farmer Brown's Dairy. Phone 215-286-5239

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Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD1 Strasburg, Pa. PH: AC 717-786-2562

SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Nicholas Kohut, Manager. 717-768-8378.

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

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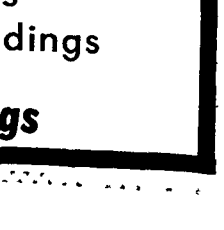

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classified ads

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New Holland 331 Spreader
Gehl Mixer-Mill
Oliver Hammer Mill Mixer
170 bu. New Holland Spreader.
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Case 930, 830, 630; Massey Ferguson 1100, 180, 165, 85, 90; David Brown 1200, 990's; Allis Chalmers 190, D19, D17; Oliver 1850, 1800, 1600, 1550; Farmall 806, 706, 656, John Deere 4010, 3010, 2010; Ford 6000, 5000, 4000, 3000, 2000; Plus many others not listed. John Deere tractors, loaders and backhoes, payloaders, disc harrows, grinder mixers, spreaders and balers.
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Quarryville, Pa. 17566

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Farmall 300 Tractor
Farmall 404 Tractor
Farmall Super C w-loader
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Oliver 4-F Semi-Plow
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For Sale - A one horse open sleigh with cushion seat and back in good condition. Wanted vacuum can hoist. David L. Zook, Christiana RD1, Box 75, 17509 Along Bell Road, South of Ninepoints.

IH 504 Tractor w-Industrial Loader.
JD 2020 w-loader.
SHOTZBERGER'S EQUIP. CO.
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For Sale - Used Acorn barn cleaner, also slightly used 12 hole round hog feeder, 2 double hog waterers, everything in good condition. Daniel S. Glick, Bird-in-Hand, ¾ mile Northeast of Bard's Crossing on Windy Tor Road.

Hesston 310 self propelled windrower-conditioner, used 1 season; IH model 700 4-16" automatic reset plow; IH model 540 4-16" trip-bottom plow: Century 200 gal. 8-row trailer sprayer w-poly tank and 8 roller pump; JD KBA 32 blade trailer disc harrow; Chattanooga 11 ft. cultipacker w-hardened packers; IH model 401 11 ft. spring harrow w-hydraulic control setting; 2-row cultivator w-fast hitch rear gang for Super C or 200 Farmall; 2-row tobacco hoers to mount on tool bar; Mid-West 7 ton hoist for dump wagon. All Machinery reconditioned and in A-1 shape. Phone 717-872-2579 or 717-872-4058.

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4020 Diesel w-3 pt. hitch
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Special finance terms available on hay tools and tractors.
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Case 900 Diesel
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Farmall Cub w-mower

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